GenCore version 5.1.6
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OM nucleic - nucleic search, using sw model

Run on: October 28, 2005, 16:20:47 ; Search time 1526 Seconds
(without alignments)
603.309 Million cell updates/sec

Title: US-10-729-421-53
Perfect score: 19
Sequence: 1 cggtatgccccgcggattg 19

Scoring table: IDENTITY_NUC
Gapop 10.0 , Gapext 1.0

Searched: 4708233 seqs, 24227607955 residues

Total number of hits satisfying chosen parameters: 9416466

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 100 summaries

Database : GenEmbl:*
1: gb_ba:*
2: gb_htg:*
3: gb_in:*
4: gb_om:*
5: gb_ov:*
6: gb_pat:*
7: gb_ph:*
8: gb_pl:*
9: gb_pr:*
10: gb_ro:*
11: gb_sts:*
12: gb_sy:*
13: gb_un:*
14: gb_vi:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

	Result No.	Score	% Query Match	Length	DB	ID	Description
	1	19	100.0	240	14	WNF42SAA	M32560 West Nile v
	2	19	100.0	10962	14	WNFCG	M12294 West Nile v
	3	19	100.0	11057	14	AY688948	AY688948 West Nile
c	4	17	89.5	12180	1	AE004165	AE004165 Vibrio ch
c	5	16.4	86.3	61313	6	CQ363757	CQ363757 Sequence
c	6	16.4	86.3	110000	1	AE017283_01	Continuation (2 of
c	7	16	84.2	779	3	AY095509	AY095509 Drosophil
c	8	16	84.2	867	6	CQ604023	CQ604023 Sequence
	9	16	84.2	4263	6	CQ604022	CQ604022 Sequence
c	10	16	84.2	112006	2	AC020467	AC020467 Drosophil
	11	16	84.2	149592	2	AC005718	AC005718 Drosophil
	12	16	84.2	172826	3	AC008353	AC008353 Drosophil
	13	16	84.2	310958	3	AE003464	AE003464 Drosophil
	14	15.8	83.2	672	6	AR495667	AR495667 Sequence
	15	15.8	83.2	672	6	AR510949	AR510949 Sequence
c	16	15.8	83.2	1816	3	AF273770	AF273770 Caenorhab
c	17	15.8	83.2	1828	3	CEU13076	U13076 Caenorhabdi
c	18	15.8	83.2	2372	3	AY204167	AY204167 Caenorhab
c	19	15.8	83.2	2382	3	AF083224	AF083224 Caenorhab
c	20	15.8	83.2	3963	6	CQ574941	CQ574941 Sequence
c	21	15.8	83.2	4234	3	BT014649	BT014649 Drosophil
c	22	15.8	83.2	10644	6	CQ574940	CQ574940 Sequence
	23	15.8	83.2	28043	2	AC014190	AC014190 Drosophil
c	24	15.8	83.2	38370	3	CEC48D5	Z36237 Caenorhabdi
c	25	15.8	83.2	75282	2	DMBR37M19	AL133495 Drosophil
c	26	15.8	83.2	114989	2	AC141045	AC141045 Rattus no
c	27	15.8	83.2	135876	8	AC113337	AC113337 Genomic s
c	28	15.8	83.2	179892	3	AC023691	AC023691 Drosophil
	29	15.8	83.2	228802	2	AC023717	AC023717 Drosophil
	30	15.8	83.2	300700	1	AP006573	AP006573 Gloeobact
c	31	15.8	83.2	306067	8	AE017063	AE017063 Oryza sat
c	32	15.8	83.2	308317	3	AE003487	AE003487 Drosophil
	33	15.8	83.2	325069	2	AC079737	AC079737 Homo sapi
	34	15.8	83.2	349926	1	BX571660	BX571660 Wolinella
c	35	15.4	81.1	216	6	AR388663	AR388663 Sequence
c	36	15.4	81.1	691	8	AY237941	AY237941 Alyssum m
	37	15.4	81.1	696	9	HSA326116	AJ326116 Homo sapi
c	38	15.4	81.1	7138	14	HPEA	M80581 Hepatitis E
c	39	15.4	81.1	7168	6	AR139826	AR139826 Sequence
c	40	15.4	81.1	7168	6	AR167470	AR167470 Sequence
c	41	15.4	81.1	7168	6	AR234194	AR234194 Sequence
c	42	15.4	81.1	7168	6	AR476111	AR476111 Sequence
c	43	15.4	81.1	7168	6	AR487996	AR487996 Sequence
c	44	15.4	81.1	7168	6	BD084498	BD084498 Recombina
c	45	15.4	81.1	7204	14	AF444002	AF444002 Hepatitis
c	46	15.4	81.1	7204	14	AF444003	AF444003 Hepatitis
c	47	15.4	81.1	7232	14	HEE272108	AJ272108 Hepatitis
	48	15.4	81.1	106509	9	AC117382	AC117382 Homo sapi
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	51	15.4	81.1	300349	1	AE017319	AE017319 Desulfovi
	52	15	78.9	196454	2	AC084279	AC084279 Homo sapi
c	53	15	78.9	197303	9	AC012506	AC012506 Homo sapi
	54	15	78.9	300658	1	AE017313	AE017313 Desulfovi
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	56	14.8	77.9	418	3	AB103293	AB103293 Formica y
c	57	14.8	77.9	451	8	AF524901	AF524901 Pseudocyp
c	58	14.8	77.9	454	8	AF524913	AF524913 Lobaria s
c	59	14.8	77.9	454	8	AF524914	AF524914 Lobaria l
c	60	14.8	77.9	458	8	AY152588	AY152588 Septoria
c	61	14.8	77.9	461	8	AY152589	AY152589 Septoria
	62	14.8	77.9	465	6	AX381118	AX381118 Sequence
c	63	14.8	77.9	466	8	AF401967	AF401967 Pseudocyp
c	64	14.8	77.9	468	8	AF429277	AF429277 Fuscopann
c	65	14.8	77.9	469	8	AF429278	AF429278 Fuscopann
c	66	14.8	77.9	470	8	AF401978	AF401978 Pseudocyp
c	67	14.8	77.9	470	8	AF401979	AF401979 Pseudocyp
c	68	14.8	77.9	470	8	AF401980	AF401980 Pseudocyp
c	69	14.8	77.9	470	8	AF401981	AF401981 Pseudocyp
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c	73	14.8	77.9	473	8	AF429280	AF429280 Pannaria
c	74	14.8	77.9	474	8	AF350302	AF350302 Pseudocyp
c	75	14.8	77.9	475	8	AY217104	AY217104 Mycosphae
c	76	14.8	77.9	479	8	AF524905	AF524905 Sticta we
c	77	14.8	77.9	485	8	AY173390	AY173390 Sticta li
c	78	14.8	77.9	486	8	AY173382	AY173382 Sticta fr
c	79	14.8	77.9	486	8	AY173383	AY173383 Sticta fr
c	80	14.8	77.9	486	8	AY173384	AY173384 Sticta fr
c	81	14.8	77.9	486	8	AY173385	AY173385 Sticta fr
c	82	14.8	77.9	486	8	AY173386	AY173386 Sticta fr
c	83	14.8	77.9	486	8	AY173393	AY173393 Sticta sp
c	84	14.8	77.9	488	8	AY173370	AY173370 Sticta be
c	85	14.8	77.9	488	8	AY173371	AY173371 Sticta be
c	86	14.8	77.9	488	8	AY173372	AY173372 Sticta be
c	87	14.8	77.9	488	8	AY173373	AY173373 Sticta be
c	88	14.8	77.9	488	8	AY173374	AY173374 Sticta be
c	89	14.8	77.9	488	8	AY173375	AY173375 Sticta be
c	90	14.8	77.9	488	8	AY173376	AY173376 Sticta be
c	91	14.8	77.9	488	8	AY173377	AY173377 Sticta be
c	92	14.8	77.9	488	8	AY173391	AY173391 Sticta li

c 93	14.8	77.9	490	8	AY173378	AY173378 Sticta be
c 94	14.8	77.9	490	8	AY173379	AY173379 Sticta ca
c 95	14.8	77.9	490	8	AY173380	AY173380 Sticta ca
c 96	14.8	77.9	490	8	AY173381	AY173381 Sticta ca
c 97	14.8	77.9	490	8	AY173387	AY173387 Sticta fu
c 98	14.8	77.9	491	8	AY173388	AY173388 Sticta fu
c 99	14.8	77.9	491	8	AY173389	AY173389 Sticta fu
c 100	14.8	77.9	492	8	AY037002	AY037002 Parmelia

ALIGNMENTS

RESULT 1
WNF42SAA
LOCUS WNF42SAA 240 bp ss-RNA linear VRL 06-JUL-1995
DEFINITION West Nile virus (WN) 5' terminal region of genome.
ACCESSION M32560
VERSION M32560.1 GI:336165
KEYWORDS .
SOURCE West Nile virus
ORGANISM West Nile virus
Viruses; ssRNA positive-strand viruses, no DNA stage; Flaviviridae; Flavivirus; Japanese encephalitis virus group.
REFERENCE 1 (bases 1 to 240)
AUTHORS Castle,E. and Wengler,G.
TITLE Nucleotide sequence of the 5'-terminal untranslated part of the genome of the flavivirus West Nile virus
JOURNAL Arch. Virol. 922, 309-313 (1987)
MEDLINE 87127557
COMMENT Original source text: West Nile virus cDNA to genomic RNA.
FEATURES Location/Qualifiers
source 1. .240
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/mol_type="genomic RNA"
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CDS 97. .>240
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/codon_start=1
/product="unknown protein"
/protein_id="AAA69639.1"
/db_xref="GI:893350"
/translation="MSKKPGGPGKNRAVNMLKRGMPRGLSLIGLKRAMLSLIDGKGPI
RFVL"
CDS 142. .>240
/note="ORF B; putative"
/codon_start=1
/product="unknown protein"
/protein_id="AAA69640.1"
/db_xref="GI:893351"
/translation="MLKRGMPRGLSLIGLKRAMLSLIDGKGPIRFVL"
ORIGIN

Query Match 100.0%; Score 19; DB 14; Length 240;
Best Local Similarity 100.0%; Pred. No. 1.5e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CGGTATGCCCCGCGGATTG 19
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Db 153 CGGTATGCCCCGCGGATTG 171

RESULT 2
WNFCG
LOCUS WNFCG 10962 bp ss-RNA linear VRL 08-MAY-2002
DEFINITION West Nile virus RNA, complete genome.
ACCESSION M12294 M10103
VERSION M12294.2 GI:11497619
KEYWORDS .
SOURCE West Nile virus
ORGANISM West Nile virus
Viruses; ssRNA positive-strand viruses, no DNA stage; Flaviviridae; Flavivirus; Japanese encephalitis virus group.
REFERENCE 1 (bases 67 to 969)
AUTHORS Castle,E., Nowak,T., Leidner,U., Wengler,G. and Wengler,G.
TITLE Sequence analysis of the viral core protein and the membrane-associated proteins V1 and NV2 of the flavivirus West Nile virus and of the genome sequence for these proteins
JOURNAL Virology 145 (2), 227-236 (1985)
MEDLINE 85274372
PUBMED 2992152
REFERENCE 2 (bases 859 to 2658)
AUTHORS Wengler,G., Castle,E., Leidner,U., Nowak,T. and Wengler,G.
TITLE Sequence analysis of the membrane protein V3 of the flavivirus West Nile virus and of its gene
JOURNAL Virology 147 (2), 264-274 (1985)
MEDLINE 86072082
PUBMED 3855247
REFERENCE 3 (bases 1 to 10962)
AUTHORS Castle,E.
JOURNAL Unpublished
REFERENCE 4 (bases 67 to 10485)
AUTHORS Castle,E., Leidner,U., Nowak,T., Wengler,G. and Wengler,G.
TITLE Primary structure of the West Nile flavivirus genome region coding for all nonstructural proteins
JOURNAL Virology 149 (1), 10-26 (1986)
MEDLINE 86124703
PUBMED 3753811
REFERENCE 5 (bases 1 to 10962)
AUTHORS Yamshchikov,V.F., Wengler,G., Perelygin,A.A., Brinton,M.A. and Compans,R.W.
TITLE An infectious clone of West Nile flavivirus
JOURNAL Virology (2000) In press
REFERENCE 6 (bases 1 to 10962)
AUTHORS Castle,E.
TITLE Direct Submission
JOURNAL Submitted (03-AUG-1993) Justus-Liebig-Universitat Giessen, Institut fur Virologie, 35392, Giessen, Germany
REFERENCE 7 (bases 1 to 10962)
AUTHORS Yamshchikov,V.F.
TITLE Direct Submission
JOURNAL Submitted (01-DEC-2000) University of Virginia Health Sciences Centre, Department of Internal Medicine/GI, Charlottesville, VA 22906
COMMENT On Dec 1, 2000 this sequence version replaced gi:336167.
Draft entry and sequence in computer readable form for [1],[2],[4],[3] kindly provided by E.Castle, 12-NOV-1985. The West Nile viral genome consists of a 42S viral RNA. The amino-terminal ends of the structural proteins were experimentally determined. An 'atg' codon is located at positions 142-144, which could be used for an alternative initiation of translation for V2. The carboxy-terminal ends of the proteins reported here were not yet precisely defined.
FEATURES Location/Qualifiers
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/virion
/mol_type="genomic RNA"
/db_xref="taxon:11082"
/clone="33/G8; 34/F6"
CDS 97. .10389
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/product="polyprotein precursor"
/protein_id="AAA48498.2"
/db_xref="GI:11497620"
/translation="MSKKPGGPGKNRAVNMLKRGMPRGLSLIGLKRAMLSLIDGKGPI
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AMDVGYLCEDTITYECPVLAAGNDPEDIDCWCTKSSVYVRYGRCTKTRHSRRSRRSLT
VQTHGESTLANKKGAWLDSTKATRYLVKTESWILRNPGYALVAAVIGWMLGSNTMQRV
VFAILLLLVAPAYSFNCLGMSNRDFLEGVSGATWVDLVLEGDSCVTIMSKDKPTIDVK
MMNMEAANLADVRSYCYLASVSDLSTRAACPTMGEAHNEKRADPAFVCKQGVVDRGWG
NGCGLFGKGSIDTCAKFACTTKATGWIIQKENIKYEVAIFVHGPTTVESHGKIGATQA
GRFSITPSAPSYTLKLGEYGEVTVDCEPRSGIDTSAYYVMSVGEKSFLVHREWFMDLN
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GGMSWITQGLLGALLLWMGINARDRSIAMTFLAVGGVLLFLSVNVHADTGCAIDIGRQ
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TESGKLITDWCCRSCTLPPLRFQTENGCWYGMEIRPTRHDEKTLVQSRVNAYNADMID
PFQLGLMVVFLATQEVLRKRWTAKISIPAIMLALLVLVFGGITYTDVLRYVILVGAAF
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QWKNAREAVEDPKFWEMVDEEREAHLRGECNTCIYNMMGKREKKPGEFGKAKGSRAIW
FMWLGARFLEFEALGFLNEDHWLGRKNSGGGVEGLGLQKLGYILKEVGTKPGGKVYAD
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DVISREDQRGSGQVVTYALNTFTNLAVQLVRMMEGEGVIGPDDVEKLGKGKGPKVRTW
LFENGEERLSRMAVSGDDCVVKPLDDRFATSLHFLNAMSKVRKDIQEWKPSTGWYDWQ
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	/product="V1 (7 kd membrane-associated nonglycosylated protein"	
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	/note="V3 signal peptide"	
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	/product="V3 (50 kd membrane-associated glycoprotein; putative); putative"	
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	/note="nonstructural protein NV4 signal peptide"	
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	/product="nonstructural protein NV4"	
mat_peptide	7834. .10380	
	/product="nonstructural protein NV5"	

ORIGIN

Query Match 100.0%; Score 19; DB 14; Length 10962;
Best Local Similarity 100.0%; Pred. No. 93;

Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CGGTATGCCCCGCGGATTG 19
||||||||||||||||||||
Db 153 CGGTATGCCCCGCGGATTG 171

RESULT 3
AY688948
LOCUS AY688948 11057 bp RNA linear VRL 15-AUG-2004
DEFINITION West Nile virus strain Sarafend, complete genome.
ACCESSION AY688948
VERSION AY688948.1 GI:51095221
KEYWORDS .
SOURCE West Nile virus (WNV)
ORGANISM West Nile virus
Viruses; ssRNA positive-strand viruses, no DNA stage; Flaviviridae; Flavivirus; Japanese encephalitis virus group.
REFERENCE 1 (bases 1 to 11057)
AUTHORS Li,J., Bhuvanakantham,R. and Ng,M.-L.
TITLE Construction and characterization of an infectious West Nile (Sarafend) clone
JOURNAL Unpublished
REFERENCE 2 (bases 1 to 11057)
AUTHORS Li,J., Bhuvanakantham,R. and Ng,M.-L.
TITLE Direct Submission
JOURNAL Submitted (18-JUL-2004) Microbiology, National University of Singapore, 5 Science Drive 2, Singapore 117597, Singapore
FEATURES Location/Qualifiers

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	/db_xref="taxon:11082"
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	/note="lineage II"
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                     HPYRTWNYHGSYEVKPTGSASSLVNGVVRLLSKPWDTITNVTTMAMTDTTPFGQQRVF
                     KEKVDTKAPEPPEGVKYVLNETTNWLWAFLARDKKPRMCSREEFIGKVNSNAALGAMF
                     EEQNQWKNAREAVEDPKFWEMVDEEREAHLRGECNTCIYNMMGKREKKPGEFGKAKGS
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                     KTVMDVISREDQRGSGQVVTYALNTFTNLAVQLVRMMEGEGVIGPDDVEKLGKGKGPK
                     VRTWLFENGEERLSRMAVSGDDCVVKPLDDRFATSLHFLNAMSKVRKDIQEWKPSTGW
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                     AQMWLLLYFHRRDLRLMANAICSAVPVNWVPTGRTTWSIHAKGEWMTTEDMLAVWNRV
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                     /product="putative preM protein"
     mat_peptide     742. .966
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     mat_peptide     967. .2469
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     mat_peptide     2470. .3525
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     mat_peptide     4219. .4611
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     mat_peptide     6847. .6915
                     /product="putative 2k protein"
     mat_peptide     6916. .7683
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     mat_peptide     7684. .10398
                     /product="putative non-structural protein NS5"
ORIGIN

  Query Match          100.0%;  Score 19;  DB 14;  Length 11057;
  Best Local Similarity  100.0%;  Pred. No. 93;
  Matches   19;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy          1 CGGTATGCCCCGCGGATTG 19
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Db        153 CGGTATGCCCCGCGGATTG 171


RESULT 4
AE004165/c
LOCUS       AE004165               12180 bp    DNA     linear   BCT 10-OCT-2003
DEFINITION  Vibrio cholerae O1 biovar eltor str. N16961 chromosome I, section
            73 of 251 of the complete chromosome.
ACCESSION   AE004165 AE003852
VERSION     AE004165.1  GI:9655244
KEYWORDS    .
SOURCE      Vibrio cholerae O1 biovar eltor str. N16961
  ORGANISM  Vibrio cholerae O1 biovar eltor str. N16961
            Bacteria; Proteobacteria; Gammaproteobacteria; Vibrionales;
            Vibrionaceae; Vibrio.
REFERENCE   1  (bases 1 to 12180)
  AUTHORS   Heidelberg,J.F., Eisen,J.A., Nelson,W.C., Clayton,R.A., Gwinn,M.L.,
            Dodson,R.J., Haft,D.H., Hickey,E.K., Peterson,J.D., Umayam,L.,
            Gill,S.R., Nelson,K.E., Read,T.D., Tettelin,H., Richardson,D.,
            Ermolaeva,M.D., Vamathevan,J., Bass,S., Qin,H., Dragoi,I.,
            Sellers,P., McDonald,L., Utterback,T., Fleishmann,R.D.,
            Nierman,W.C. and White,O.
  TITLE     DNA sequence of both chromosomes of the cholera pathogen Vibrio
            cholerae
  JOURNAL   Nature 406 (6795), 477-483 (2000)
  MEDLINE   20406833
   PUBMED   10952301
REFERENCE   2  (bases 1 to 12180)
  AUTHORS   Heidelberg,J.F., Eisen,J.A., Nelson,W.C., Clayton,R.A., Gwinn,M.L.,
            Dodson,R.J., Haft,D.H., Hickey,E.K., Peterson,J.D., Umayam,L.A.,
            Gill,S.R., Nelson,K.E., Read,T.D., Tettelin,H., Richardson,D.,
            Ermolaeva,M.D., Vamathevan,J., Bass,S., Qin,H., Dragoi,I.,
            Sellers,P., McDonald,L., Utterback,T., Fleishmann,R.D.,
            Nierman,W.C., White,O., Salzberg,S.L., Smith,H.O., Colwell,R.R.,
            Mekalanos,J.J., Venter,J.C. and Fraser,C.M.
  TITLE     Direct Submission
  JOURNAL   Submitted (14-JUN-2000) The Institute for Genomic Research, 9712
            Medical Center Dr, Rockville, MD 20850, USA
FEATURES             Location/Qualifiers
     source          1. .12180
                     /organism="Vibrio cholerae O1 biovar eltor str. N16961"
                     /mol_type="genomic DNA"
                     /strain="N16961"
                     /serotype="O1"
                     /db_xref="taxon:243277"
                     /chromosome="I"
                     /note="biotype: El Tor"
     gene            162. .1232
                     /gene="VC0796"
     CDS             162. .1232
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                     identified by sequence similarity; putative"
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                     /product="citrate (pro-3S)-lyase ligase"
                     /protein_id="AAF93960.1"
                     /db_xref="GI:9655245"
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                     VVAYGTNQIIACGGIAGHVLKSIAVSPALQGTGFALKLMTELTNFAYEMGRFSLFLFT
                     KPANIDLFRQCGFFLVDKVEPHIALLENSPNRLSVYCKQLQLLKMSGRKIGSIVMNAN
                     PFTLGHQYLIEQACEQCDWVHLFVVKAENKDFSYADRMAMIKAGSKHLLNLTIHSGSD
                     YIISRATFPSYFIKDQQVVNQSHTALDLSIFRHSIAPALGITHRFVGSEPICTVTRHY
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     gene            1284. .1580
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                     /transl_table=11
                     /product="citrate lyase, gamma subunit"
                     /protein_id="AAF93961.1"
                     /db_xref="GI:9655246"
                     /translation="MKIAHPAFAGTLESSDLQVRIEPNNDGGIELVLDSTVEQQFGHA
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     gene            1562. .2452
                     /gene="VC0798"
     CDS             1562. .2452
                     /gene="VC0798"
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                     EDYVRDLRTQRSAEGIELLFARCSILQAARAAGIMAFDTVYSDANNEEGFLREAEHIK
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gene                 2388. .3992
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CDS                  2388. .3992
                     /gene="VC0799"
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                     identified by sequence similarity; putative"
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                     /protein_id="AAF93963.1"
                     /db_xref="GI:9655248"
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                     DEPVHIHSHGGRVHLIQSGELYIDMAFIGVPCCDEFGNANGFKGKSNCGSLGYAKVDA
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                     IAKRAAEVIEHSGYFYDGFSMQTGSGGASLAVARFLKEKMLRQDIRASFALGGITATM
                     VDMHEQGLIDYLLDVQCFDSVAAGSLARNPHHLEISANEYANPSSKGAAVDRLDVVIL
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gene                 3989. .4525
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CDS                  3989. .4525
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gene                 4503. .5444
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CDS                  4503. .5444
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                     /db_xref="GI:9655250"
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                     QFLVIDELKAKRDCEPETAGERIYRQYGLTGARGEAASGLAMVMQHALPAYQACLTKG
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gene                 5791. .6189
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CDS                  5791. .6189
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                     /translation="MSGIKSLELLLQSMSPELMAGDYVFCTVNGALSDYLSLEPIATF
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gene                 6264. .7037
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                     /note="similar to GB:AL009126; identified by sequence
                     similarity; putative"
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                     /db_xref="GI:9655252"
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                     TMGSFGRVQVSQVDLPDYLAKANLPVYGAFLEGVSVHQTAFQAEGILLMGSESHGIRE
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CDS                  complement(7216. .7539)
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                     /translation="MAFVVTDNCIQCKYTDCVAVCPADAFHEGPNFMVINPIECIDCG
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gene                 7581. .7676
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                     /db_xref="GI:9655254"
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gene                 7786. .9402
                     /gene="VC0806"

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  Best Local Similarity   100.0%;  Pred. No. 8.8e+02;
  Matches   17;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy          1 CGGTATGCCCCGCGGAT 17
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Db       7484 CGGTATGCCCCGCGGAT 7468


RESULT 5
CQ363757/c
LOCUS       CQ363757               61313 bp    DNA     linear   PAT 23-JAN-2004
DEFINITION  Sequence 40 from Patent WO0181581.
ACCESSION   CQ363757
VERSION     CQ363757.1  GI:41300451
KEYWORDS    .
SOURCE      Propionibacterium acnes
  ORGANISM  Propionibacterium acnes
            Bacteria; Actinobacteria; Actinobacteridae; Actinomycetales;
            Propionibacterineae; Propionibacteriaceae; Propionibacterium.
REFERENCE   1
  AUTHORS   Skeiky,Y.A., Persing,D.H., Mitcham,J.L., Wang,S.S., Bhatia,A.,
            L'Maisonneuve,J.F., Zhang,Y., Jen,S. and Carter,D.
  TITLE     Compositions and methods for the therapy and diagnosis of acne
            vulgaris
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  JOURNAL    Patent: WO 0181581-A 40 01-NOV-2001;
             CORIXA CORPORATION (US)
FEATURES             Location/Qualifiers
     source          1. .61313
                     /organism="Propionibacterium acnes"
                     /mol_type="unassigned DNA"
                     /db_xref="taxon:1747"
ORIGIN

  Query Match             86.3%;  Score 16.4;  DB 6;  Length 61313;
  Best Local Similarity   94.4%;  Pred. No. 1.4e+03;
  Matches   17;  Conservative    0;  Mismatches    1;  Indels    0;  Gaps    0;

Qy          1 CGGTATGCCCCGCGGATT 18
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Db      48079 CGGTATGCCCGGCGGATT 48062


RESULT 6
AE017283_01/c
WPCOMMENT
  Sequence split into 26 fragments  LOCUS AE017283 Accession AE017283
     Fragment Name      Begin     End
     AE017283_00            1    110000
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     AE017283_02       200001    310000
     AE017283_03       300001    410000
     AE017283_04       400001    510000
     AE017283_05       500001    610000
     AE017283_06       600001    710000
     AE017283_07       700001    810000
     AE017283_08       800001    910000
     AE017283_09       900001   1010000
     AE017283_10      1000001   1110000
     AE017283_11      1100001   1210000
     AE017283_12      1200001   1310000
     AE017283_13      1300001   1410000
     AE017283_14      1400001   1510000
     AE017283_15      1500001   1610000
     AE017283_16      1600001   1710000
     AE017283_17      1700001   1810000
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     AE017283_19      1900001   2010000
     AE017283_20      2000001   2110000
     AE017283_21      2100001   2210000
     AE017283_22      2200001   2310000
     AE017283_23      2300001   2410000
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Continuation (2 of 26) of AE017283 from base 100001 (AE017283 Propionibacterium acnes KP

  Query Match             86.3%;  Score 16.4;  DB 1;  Length 110000;
  Best Local Similarity   94.4%;  Pred. No. 1.3e+03;
  Matches   17;  Conservative    0;  Mismatches    1;  Indels    0;  Gaps    0;

Qy          1 CGGTATGCCCCGCGGATT 18
              |||||||||| |||||||
Db      71442 CGGTATGCCCGGCGGATT 71425


RESULT 7
AY095509/c
LOCUS       AY095509                 779 bp    mRNA    linear   INV 17-APR-2002
DEFINITION  Drosophila melanogaster AT08222 full insert cDNA.
ACCESSION   AY095509
VERSION     AY095509.1  GI:20177078
KEYWORDS    FLI_CDNA.
SOURCE      Drosophila melanogaster (fruit fly)
  ORGANISM  Drosophila melanogaster
            Eukaryota; Metazoa; Arthropoda; Hexapoda; Insecta; Pterygota;
            Neoptera; Endopterygota; Diptera; Brachycera; Muscomorpha;
            Ephydroidea; Drosophilidae; Drosophila.
REFERENCE   1  (bases 1 to 779)
  AUTHORS   Stapleton,M., Brokstein,P., Hong,L., Agbayani,A., Carlson,J.,
            Champe,M., Chavez,C., Dorsett,V., Dresnek,D., Farfan,D., Frise,E.,
            George,R., Gonzalez,M., Guarin,H., Kronmiller,B., Li,P., Liao,G.,
            Miranda,A., Mungall,C.J., Nunoo,J., Pacleb,J., Paragas,V., Park,S.,
            Patel,S., Phouanenavong,S., Wan,K., Yu,C., Lewis,S.E., Rubin,G.M.
            and Celniker,S.
  TITLE     Direct Submission
  JOURNAL   Submitted (11-APR-2002) Berkeley Drosophila Genome Project,
            Lawrence Berkeley National Laboratory, One Cyclotron Road,
            Berkeley, CA 94720, USA
COMMENT     Sequence submitted by:
            Berkeley Drosophila Genome Project
            Lawrence Berkeley National Laboratory
            Berkeley, CA 94720
            This clone was sequenced as part of a high-throughput process to
            sequence clones from Drosophila Gene Collection 1 (Rubin et al.,
            Science 2000). The sequence has been subjected to integrity checks
            for sequence accuracy, presence of a polyA tail and contiguity
            within 100 kb in the genome. Thus we believe the sequence to
            reflect accurately this particular cDNA clone.  However, there are
            artifacts associated with the generation of cDNA clones that may
            have not been detected in our initial analyses such as internal
            priming, priming from contaminating genomic DNA, retained introns
            due to reverse transcription of unspliced precursor RNAs, and
            reverse transcriptase errors that result in single base changes.
            For further information about this sequence, including its location
            and relationship to other sequences, please visit our Web site
            (http://fruitfly.berkeley.edu) or send email to
            cdna@fruitfly.berkeley.edu.
FEATURES             Location/Qualifiers
     source          1. .779
                     /organism="Drosophila melanogaster"
                     /mol_type="mRNA"
                     /db_xref="taxon:7227"
ORIGIN

  Query Match             84.2%;  Score 16;  DB 3;  Length 779;
  Best Local Similarity   100.0%;  Pred. No. 3.8e+03;
  Matches   16;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy          3 GTATGCCCCGCGGATT 18
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Db        170 GTATGCCCCGCGGATT 155


RESULT 8
CQ604023/c
LOCUS       CQ604023                 867 bp    DNA     linear   PAT 02-FEB-2004
DEFINITION  Sequence 31781 from Patent WO0171042.
ACCESSION   CQ604023
VERSION     CQ604023.1  GI:41657995
KEYWORDS    .
SOURCE      Drosophila sp.
  ORGANISM  Drosophila sp.
            Eukaryota; Metazoa; Arthropoda; Hexapoda; Insecta; Pterygota;
            Neoptera; Endopterygota; Diptera; Brachycera; Muscomorpha;
            Ephydroidea; Drosophilidae; Drosophila.
REFERENCE   1
  AUTHORS   Venter,J.C., Adams,M., Li,P.W. and Myers,E.W.
  TITLE     Detection kits, such as nucleic acid arrays, for detecting the
            expression of 10,000 or more Drosophila genes and uses thereof
  JOURNAL   Patent: WO 0171042-A 31781 27-SEP-2001;
            PE Corporation (NY) (US)
FEATURES             Location/Qualifiers
     source          1. .867
                     /organism="Drosophila sp."
                     /mol_type="unassigned DNA"
                     /db_xref="taxon:7242"
ORIGIN

  Query Match             84.2%;  Score 16;  DB 6;  Length 867;
  Best Local Similarity   100.0%;  Pred. No. 3.7e+03;
  Matches   16;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;
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Qy          3 GTATGCCCCGCGGATT 18
              ||||||||||||||||
Db        298 GTATGCCCCGCGGATT 283


RESULT 9
CQ604022
LOCUS       CQ604022                4263 bp    DNA     linear   PAT 02-FEB-2004
DEFINITION  Sequence 31780 from Patent WO0171042.
ACCESSION   CQ604022
VERSION     CQ604022.1  GI:41657994
KEYWORDS    .
SOURCE      Drosophila sp.
  ORGANISM  Drosophila sp.
            Eukaryota; Metazoa; Arthropoda; Hexapoda; Insecta; Pterygota;
            Neoptera; Endopterygota; Diptera; Brachycera; Muscomorpha;
            Ephydroidea; Drosophilidae; Drosophila.
REFERENCE   1
  AUTHORS   Venter,J.C., Adams,M., Li,P.W. and Myers,E.W.
  TITLE     Detection kits, such as nucleic acid arrays, for detecting the
            expression of 10,000 or more Drosophila genes and uses thereof
  JOURNAL   Patent: WO 0171042-A 31780 27-SEP-2001;
            PE Corporation (NY) (US)
FEATURES             Location/Qualifiers
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                     /mol_type="unassigned DNA"
                     /db_xref="taxon:7242"
ORIGIN

  Query Match             84.2%;  Score 16;  DB 6;  Length 4263;
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  Matches   16;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy          3 GTATGCCCCGCGGATT 18
              ||||||||||||||||
Db       2904 GTATGCCCCGCGGATT 2919


RESULT 10
AC020467/c
LOCUS       AC020467              112006 bp    DNA     linear   HTG 03-JAN-2000
DEFINITION  Drosophila melanogaster, *** SEQUENCING IN PROGRESS ***.
ACCESSION   AC020467
VERSION     AC020467.1  GI:6664430
KEYWORDS    HTG; HTGS_PHASE2.
SOURCE      Drosophila melanogaster (fruit fly)
  ORGANISM  Drosophila melanogaster
            Eukaryota; Metazoa; Arthropoda; Hexapoda; Insecta; Pterygota;
            Neoptera; Endopterygota; Diptera; Brachycera; Muscomorpha;
            Ephydroidea; Drosophilidae; Drosophila.
REFERENCE   1  (bases 1 to 112006)
  AUTHORS   Adams,M. and Venter,J.C.
  TITLE     Direct Submission
  JOURNAL   Submitted (30-DEC-1999) Celera Genomics, 45 West Gude Drive,
            Rockville, MD, USA
COMMENT     This sequence was identified as CDM:10213283 by the submitter.
            For more information on this record e-mail to fly@celera.com.
            * NOTE: This is a 'working draft' sequence.
            * This sequence will be replaced
            * by the finished sequence as soon as it is available and
            * the accession number will be preserved.
FEATURES             Location/Qualifiers
     source          1. .112006
                     /organism="Drosophila melanogaster"
                     /mol_type="genomic DNA"
                     /db_xref="taxon:7227"
ORIGIN

  Query Match             84.2%;  Score 16;  DB 2;  Length 112006;
  Best Local Similarity   100.0%;  Pred. No. 2.1e+03;
  Matches   16;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy          3 GTATGCCCCGCGGATT 18
              ||||||||||||||||
Db       79046 GTATGCCCCGCGGATT 79031


RESULT 11
AC005718
LOCUS       AC005718              149592 bp    DNA     linear   HTG 30-JUL-1999
DEFINITION  Drosophila melanogaster chromosome 2 clone DS02336 (D440) map
            60C8-60D2 strain y; cn bw sp, *** SEQUENCING IN PROGRESS ***, 68
            unordered pieces.
ACCESSION   AC005718
VERSION     AC005718.10  GI:5656710
KEYWORDS    HTG; HTGS_PHASE1.
SOURCE      Drosophila melanogaster (fruit fly)
  ORGANISM  Drosophila melanogaster
            Eukaryota; Metazoa; Arthropoda; Hexapoda; Insecta; Pterygota;
            Neoptera; Endopterygota; Diptera; Brachycera; Muscomorpha;
            Ephydroidea; Drosophilidae; Drosophila.
REFERENCE   1  (bases 1 to 149592)
  AUTHORS   Celniker,S.E., Agbayani,A., Arcaina,T.T., Baxter,E., Blazej,R.G.,
            Butenhoff,C., Champe,M., Chavez,C., Chew,M., Ciesiolka,L.,
            Doyle,C.M., Farfan,D.E., Galle,R., George,R.A., Harris,N.L.,
            Hoskins,R.A., Houston,K.A., Hummasti,S.R., Karra,K., Kearney,L.,
            Kim,E., Lee,B., Lewis,S., Li,P., Lomotan,M.A., Mazda,P.,
            Moshrefi,A.R., Moshrefi,M., Nixon,K., Pacleb,J.M., Park,S.,
            Pfeiffer,B., Poon,L., Sequeira,A., Sethi,H., Snir,E.,
            Svirskas,R.R., Wan,K.H., Weinburg,T., Zhang,R., Zieran,L.L. and
            Rubin,G.M.
  TITLE     Sequencing of Drosophila melanogaster
  JOURNAL   Unpublished
REFERENCE   2  (bases 1 to 149592)
  AUTHORS   Celniker,S.E., George,R.A., Galle,R., Svirskas,R.R., Hoskins,R.A.,
            Agbayani,A., Arcaina,T.T., Baxter,E., Blazej,R.G., Chavez,C.,
            Chew,M., Doyle,C.M., Farfan,D.E., Flanagan,J., Houston,K.A.,
            Hummasti,S.R., Karra,K., Kearney,L., Kim,S.H., Lee,B.,
            Lomotan,M.A., Mak,J., Mazda,P., Mok,M.S., Moshrefi,A.R.,
            Moshrefi,M., Nixon,K., Pacleb,J.M., Park,S., Pfeiffer,B., Punch,E.,
            Snir,E., Twomey,B., Wan,K.H., Whitelaw,K.R., Yee,A., Zhang,R.,
            Zieran,L.L. and Kimmel,B.E.
  TITLE     Direct Submission
  JOURNAL   Submitted (26-SEP-1998) Drosophila Genome Center, Lawrence Berkeley
            Laboratory, MS 64-121, Berkeley, CA 94720, USA
COMMENT     On Jul 30, 1999 this sequence version replaced gi:5630036.
            For further information about this sequence, including its location
            and relationship to other sequences, please visit our sequence
            archive Web site (http://www.fruitfly.org/sequence/) or send email
            to bdgp@fruitfly.berkeley.edu. All contigs in this submission meet
            the following cutoffs: length >= 200 bases. P1 library location:
            25-32.
            * NOTE: This is a 'working draft' sequence. It currently
            * consists of 68 contigs. The true order of the pieces
            * is not known and their order in this sequence record is
            * arbitrary. Gaps between the contigs are represented as
            * runs of N, but the exact sizes of the gaps are unknown.
            * This record will be updated with the finished sequence
            * as soon as it is available and the accession number will
            * be preserved.
            *       1      343: contig of 343 bp in length
            *     344      423: gap of unknown length
            *     424     1169: contig of 746 bp in length
            *    1170     1249: gap of unknown length
            *    1250     2094: contig of 845 bp in length
            *    2095     2174: gap of unknown length
            *    2175     3405: contig of 1231 bp in length
            *    3406     3485: gap of unknown length
            *    3486     4245: contig of 760 bp in length
            *    4246     4325: gap of unknown length
            *    4326     5054: contig of 729 bp in length
            *    5055     5134: gap of unknown length
            *    5135     6031: contig of 897 bp in length
            *    6032     6111: gap of unknown length
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*     6112    7163: contig of 1052 bp in length
*     7164    7243: gap of unknown length
*     7244    8013: contig of 770 bp in length
*     8014    8093: gap of unknown length
*     8094    8951: contig of 858 bp in length
*     8952    9031: gap of unknown length
*     9032    9815: contig of 784 bp in length
*     9816    9895: gap of unknown length
*     9896   10572: contig of 677 bp in length
*    10573   10652: gap of unknown length
*    10653   11442: contig of 790 bp in length
*    11443   11522: gap of unknown length
*    11523   12232: contig of 710 bp in length
*    12233   12312: gap of unknown length
*    12313   13278: contig of 966 bp in length
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*    14012   14091: gap of unknown length
*    14092   14897: contig of 806 bp in length
*    14898   14977: gap of unknown length
*    14978   15740: contig of 763 bp in length
*    15741   15820: gap of unknown length
*    15821   16793: contig of 973 bp in length
*    16794   16873: gap of unknown length
*    16874   17825: contig of 952 bp in length
*    17826   17905: gap of unknown length
*    17906   18911: contig of 1006 bp in length
*    18912   18991: gap of unknown length
*    18992   19720: contig of 729 bp in length
*    19721   19800: gap of unknown length
*    19801   20785: contig of 985 bp in length
*    20786   20865: gap of unknown length
*    20866   22392: contig of 1527 bp in length
*    22393   22472: gap of unknown length
*    22473   24290: contig of 1818 bp in length
*    24291   24370: gap of unknown length
*    24371   25694: contig of 1324 bp in length
*    25695   25774: gap of unknown length
*    25775   26731: contig of 957 bp in length
*    26732   26811: gap of unknown length
*    26812   27793: contig of 982 bp in length
*    27794   27873: gap of unknown length
*    27874   29161: contig of 1288 bp in length
*    29162   29241: gap of unknown length
*    29242   30491: contig of 1250 bp in length
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*    30572   32263: contig of 1692 bp in length
*    32264   32343: gap of unknown length
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*    34134   35477: contig of 1344 bp in length
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*    36764   39017: contig of 2254 bp in length
*    39018   39097: gap of unknown length
*    39098   41095: contig of 1998 bp in length
*    41096   41175: gap of unknown length
*    41176   42262: contig of 1087 bp in length
*    42263   42342: gap of unknown length
*    42343   43644: contig of 1302 bp in length
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*    45001   45080: gap of unknown length
*    45081   46626: contig of 1546 bp in length
*    46627   46706: gap of unknown length
*    46707   50898: contig of 4192 bp in length
*    50899   50978: gap of unknown length
*    50979   54635: contig of 3657 bp in length
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*    59856   70727: contig of 10872 bp in length
*    70728   70807: gap of unknown length
*    70808  132766: contig of 61959 bp in length
*   132767  132846: gap of unknown length
*   132847  133588: contig of 742 bp in length
*   133589  133668: gap of unknown length
*   133669  134331: contig of 663 bp in length
*   134332  134411: gap of unknown length
*   134412  135076: contig of 665 bp in length
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*   135157  135778: contig of 622 bp in length
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*   135859  136505: contig of 647 bp in length
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*   136586  137259: contig of 674 bp in length
*   137260  137339: gap of unknown length
*   137340  137991: contig of 652 bp in length
*   137992  138071: gap of unknown length
*   138072  138762: contig of 691 bp in length
*   138763  138842: gap of unknown length
*   138843  139393: contig of 551 bp in length
*   139394  139473: gap of unknown length
*   139474  140102: contig of 629 bp in length
*   140103  140182: gap of unknown length
*   140183  140811: contig of 629 bp in length
*   140812  140891: gap of unknown length
*   140892  141500: contig of 609 bp in length
*   141501  141580: gap of unknown length
*   141581  142262: contig of 682 bp in length
*   142263  142342: gap of unknown length
*   142343  143046: contig of 704 bp in length
*   143047  143126: gap of unknown length
*   143127  143812: contig of 686 bp in length
*   143813  143892: gap of unknown length
*   143893  144614: contig of 722 bp in length
*   144615  144694: gap of unknown length
*   144695  145373: contig of 679 bp in length
*   145374  145453: gap of unknown length
*   145454  146116: contig of 663 bp in length
*   146117  146196: gap of unknown length
*   146197  146808: contig of 612 bp in length
*   146809  146888: gap of unknown length
*   146889  147514: contig of 626 bp in length
*   147515  147594: gap of unknown length
*   147595  148161: contig of 567 bp in length
*   148162  148241: gap of unknown length
*   148242  148927: contig of 686 bp in length
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FEATURES             Location/Qualifiers
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                     /db_xref="taxon:7227"
                     /chromosome="2"
                     /map="60C8-60D2"
                     /clone="DS02336 (D440)"
                     /clone_lib="P1 library, partial Sau3A in pNS582tet14Ad10"
ORIGIN

  Query Match             84.2%;  Score 16;  DB 2;  Length 149592;
  Best Local Similarity   100.0%;  Pred. No. 2e+03;
  Matches   16;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy          3 GTATGCCCCGCGGATT 18
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Db      90223 GTATGCCCCGCGGATT 90238


RESULT 12
AC008353
LOCUS       AC008353               172826 bp    DNA     linear   INV 07-JUN-2001
DEFINITION  Drosophila melanogaster, chromosome 2R, region 60C-60C, BAC clone
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BACR02A05, complete sequence.
ACCESSION AC008353
VERSION AC008353.4 GI:14327745
KEYWORDS HTG.
SOURCE Drosophila melanogaster (fruit fly)
ORGANISM Drosophila melanogaster
Eukaryota; Metazoa; Arthropoda; Hexapoda; Insecta; Pterygota; Neoptera; Endopterygota; Diptera; Brachycera; Muscomorpha; Ephydroidea; Drosophilidae; Drosophila.
REFERENCE 1 (bases 1 to 172826)
AUTHORS Celniker,S.E., Adams,M.D., Kronmiller,B., Tyler,D., Wan,K.H., Holt,R.A., Evans,C.A., Gocayne,J.D., Amanatides,P.G., Brandon,R.C., Rogers,Y., An,H., Baldwin,D., Banzon,J., Beeson,K.Y., Busam,D.A., Carlson,J.W., Center,A., Champe,M., Davenport,L.B., Dietz,S.M., Dodson,K., Dorsett,V., Doup,L.E., Doyle,C., Dresnek,D., Farfan,D., Ferriera,S., Frise,E., Galle,R.F., Garg,N.S., George,R.A., Gonzalez,M., Houck,J., Hoskins,R.A., Hostin,D., Howland,T.J., Ibegwam,C., Jalali,M., Kruse,D., Li,P., Mattei,B., Moshrefi,A., McIntosh,T.C., Moy,M., Murphy,B., Nelson,C., Nelson,K.A., Nunoo,J., Pacleb,J., Paragas,V., Park,S., Patel,S., Pfeiffer,B., Phouanenavong,S., Pittman,G.S., Puri,V., Richards,S., Scheeler,F., Stapleton,M., Strong,R., Svirskas,R., Tector,C., Williams,S.M., Zaveri,J.S., Smith,H.O., Rubin,G.M. and Venter,J.C.
TITLE Sequencing of Drosophila chromosome 2R, region 60C-60C
JOURNAL Unpublished
REFERENCE 2 (bases 1 to 172826)
AUTHORS Celniker,S.E., Agbayani,A., Arcaina,T.T., Baxter,E., Blazej,R.G., Butenhoff,C., Champe,M., Chavez,C., Chew,M., Ciesiolka,L., Doyle,C.M., Farfan,D.E., Galle,R., George,R.A., Harris,N.L., Hoskins,R.A., Houston,K.A., Hummasti,S.R., Karra,K., Kearney,L., Kim,E., Lee,B., Lewis,S., Li,P., Lomotan,M.A., Mazda,P., Moshrefi,A.R., Moshrefi,M., Nixon,K., Pacleb,J.M., Park,S., Pfeiffer,B., Poon,L., Sequeira,A., Sethi,H., Snir,E., Svirskas,R.R., Wan,K.H., Weinburg,T., Zhang,R., Zieran,L.L. and Rubin,G.M.
TITLE Direct Submission
JOURNAL Submitted (02-AUG-1999) Drosophila Genome Center, Lawrence Berkeley Laboratory, MS 64-121, Berkeley, CA 94720, USA
COMMENT On Jun 7, 2001 this sequence version replaced gi:6598705.
Sequence submitted by:
Berkeley Drosophila Genome Project
Lawrence Berkeley National Laboratory, MS 64-121
Berkeley, CA 94720
This sequence was assembled using end sequences from a whole genome shotgun and from subclones of this BAC and its neighboring clones. For further information about this sequence, including its location and relationship to other sequences, please visit our sequence archive Web site (http://www.fruitfly.org/sequence/) or send email to bdgp@fruitfly.berkeley.edu.
FEATURES Location/Qualifiers
source 1. .172826
/organism="Drosophila melanogaster"
/mol_type="genomic DNA"
/strain="y; cn bw sp"
/db_xref="taxon:7227"
/chromosome="2R"
/map="60C-60C"
/clone="BACR02A05 (D957)"
/clone_lib="RPCI-98 (Roswell Park Cancer Institute Drosophila melanogaster BAC library, partial EcoRI in pBACe3.6)"
ORIGIN

Query Match 84.2%; Score 16; DB 3; Length 172826;
Best Local Similarity 100.0%; Pred. No. 2e+03;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 3 GTATGCCCCGCGGATT 18
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Db 98570 GTATGCCCCGCGGATT 98585

RESULT 13
AE003464
LOCUS AE003464 310958 bp DNA linear INV 15-MAR-2004
DEFINITION Drosophila melanogaster chromosome 2R, section 72 of 74 of the complete sequence.
ACCESSION AE003464 AE002575 AE013599
VERSION AE003464.2 GI:21626739
KEYWORDS .
SOURCE Drosophila melanogaster (fruit fly)
ORGANISM Drosophila melanogaster
Eukaryota; Metazoa; Arthropoda; Hexapoda; Insecta; Pterygota; Neoptera; Endopterygota; Diptera; Brachycera; Muscomorpha; Ephydroidea; Drosophilidae; Drosophila.
REFERENCE 1 (bases 1 to 310958)
AUTHORS Adams,M.D., Celniker,S.E., Holt,R.A., Evans,C.A., Gocayne,J.D., Amanatides,P.G., Scherer,S.E., Li,P.W., Hoskins,R.A., Galle,R.F., George,R.A., Lewis,S.E., Richards,S., Ashburner,M., Henderson,S.N., Sutton,G.G., Wortman,J.R., Yandell,M.D., Zhang,Q., Chen,L.X., Brandon,R.C., Rogers,Y.H., Blazej,R.G., Champe,M., Pfeiffer,B.D., Wan,K.H., Doyle,C., Baxter,E.G., Helt,G., Nelson,C.R., Gabor,G.L., Abril,J.F., Agbayani,A., An,H.J., Andrews-Pfannkoch,C., Baldwin,D., Ballew,R.M., Basu,A., Baxendale,J., Bayraktaroglu,L., Beasley,E.M., Beeson,K.Y., Benos,P.V., Berman,B.P., Bhandari,D., Bolshakov,S., Borkova,D., Botchan,M.R., Bouck,J., Brokstein,P., Brottier,P., Burtis,K.C., Busam,D.A., Butler,H., Cadieu,E., Center,A., Chandra,I., Cherry,J.M., Cawley,S., Dahlke,C., Davenport,L.B., Davies,P., de Pablos,B., Delcher,A., Deng,Z., Mays,A.D., Dew,I., Dietz,S.M., Dodson,K., Doup,L.E., Downes,M., Dugan-Rocha,S., Dunkov,B.C., Dunn,P., Durbin,K.J., Evangelista,C.C., Ferraz,C., Ferriera,S., Fleischmann,W., Fosler,C., Gabrielian,A.E., Garg,N.S., Gelbart,W.M., Glasser,K., Glodek,A., Gong,F., Gorrell,J.H., Gu,Z., Guan,P., Harris,M., Harris,N.L., Harvey,D., Heiman,T.J., Hernandez,J.R., Houck,J., Hostin,D., Houston,K.A., Howland,T.J., Wei,M.H., Ibegwam,C., Jalali,M., Kalush,F., Karpen,G.H., Ke,Z., Kennison,J.A., Ketchum,K.A., Kimmel,B.E., Kodira,C.D., Kraft,C., Kravitz,S., Kulp,D., Lai,Z., Lasko,P., Lei,Y., Levitsky,A.A., Li,J., Li,Z., Liang,Y., Lin,X., Liu,X., Mattei,B., McIntosh,T.C., McLeod,M.P., McPherson,D., Merkulov,G., Milshina,N.V., Mobarry,C., Morris,J., Moshrefi,A., Mount,S.M., Moy,M., Murphy,B., Murphy,L., Muzny,D.M., Nelson,D.L., Nelson,D.R., Nelson,K.A., Nixon,K., Nusskern,D.R., Pacleb,J.M., Palazzolo,M., Pittman,G.S., Pan,S., Pollard,J., Puri,V., Reese,M.G., Reinert,K., Remington,K., Saunders,R.D., Scheeler,F., Shen,H., Shue,B.C., Siden-Kiamos,I., Simpson,M., Skupski,M.P., Smith,T., Spier,E., Spradling,A.C., Stapleton,M., Strong,R., Sun,E., Svirskas,R., Tector,C., Turner,R., Venter,E., Wang,A.H., Wang,X., Wang,Z.Y., Wassarman,D.A., Weinstock,G.M., Weissenbach,J., Williams,S.M., WoodageT, Worley,K.C., Wu,D., Yang,S., Yao,Q.A., Ye,J., Yeh,R.F., Zaveri,J.S., Zhan,M., Zhang,G., Zhao,Q., Zheng,L., Zheng,X.H., Zhong,F.N., Zhong,W., Zhou,X., Zhu,S., Zhu,X., Smith,H.O., Gibbs,R.A., Myers,E.W., Rubin,G.M. and Venter,J.C.
TITLE The genome sequence of Drosophila melanogaster
JOURNAL Science 287 (5461), 2185-2195 (2000)
MEDLINE 20196006
PUBMED 10731132
REFERENCE 2 (bases 1 to 310958)
AUTHORS Celniker,S.E., Wheeler,D.A., Kronmiller,B., Carlson,J.W., Halpern,A., Patel,S., Adams,M., Champe,M., Dugan,S.P., Frise,E., Hodgson,A., George,R.A., Hoskins,R.A., Laverty,T., Muzny,D.M., Nelson,C.R., Pacleb,J.M., Park,S., Pfeiffer,B.D., Richards,S., Sodergren,E.J., Svirskas,R., Tabor,P.E., Wan,K., Stapleton,M., Sutton,G.G., Venter,C., Weinstock,G., Scherer,S.E., Myers,E.W., Gibbs,R.A. and Rubin,G.M.
TITLE Finishing a whole-genome shotgun: release 3 of the Drosophila melanogaster euchromatic genome sequence
JOURNAL Genome Biol. 3 (12), RESEARCH0079 (2002)
MEDLINE 22426065
PUBMED 12537568
REFERENCE 3 (bases 1 to 310958)
AUTHORS Misra,S., Crosby,M.A., Mungall,C.J., Matthews,B.B., Campbell,K.S., Hradecky,P., Huang,Y., Kaminker,J.S., Millburn,G.H., Prochnik,S.E., Smith,C.D., Tupy,J.L., Whitfied,E.J., Bayraktaroglu,L., Berman,B.P., Bettencourt,B.R., Celniker,S.E., de Grey,A.D., Drysdale,R.A., Harris,N.L., Richter,J., Russo,S., Schroeder,A.J.,

```
            Shu,S.Q., Stapleton,M., Yamada,C., Ashburner,M., Gelbart,W.M.,
            Rubin,G.M. and Lewis,S.E.
  TITLE     Annotation of the Drosophila melanogaster euchromatic genome: a
            systematic review
  JOURNAL   Genome Biol. 3 (12), RESEARCH0083 (2002)
  MEDLINE   22426069
   PUBMED   12537572
REFERENCE   4  (bases 1 to 310958)
  AUTHORS   Kaminker,J.S., Bergman,C.M., Kronmiller,B., Carlson,J.,
            Svirskas,R., Patel,S., Frise,E., Wheeler,D.A., Lewis,S.E.,
            Rubin,G.M., Ashburner,M. and Celniker,S.E.
  TITLE     The transposable elements of the Drosophila melanogaster
            euchromatin: a genomics perspective
  JOURNAL   Genome Biol. 3 (12), RESEARCH0084 (2002)
  MEDLINE   22426070
   PUBMED   12537573
REFERENCE   5  (bases 1 to 310958)
  AUTHORS   Adams,M.D., Celniker,S.E., Gibbs,R.A., Rubin,G.M. and Venter,C.J.
  TITLE     Direct Submission
  JOURNAL   Submitted (21-MAR-2000) Celera Genomics, 45 West Gude Drive,
            Rockville, MD 20850, USA
REFERENCE   6  (bases 1 to 310958)
  AUTHORS   .
  CONSRTM   FlyBase
  TITLE     Direct Submission
  JOURNAL   Submitted (06-SEP-2002) University of California Berkeley, 539 Life
            Sciences Addition, Berkeley, CA 94720, USA
REFERENCE   7  (bases 1 to 310958)
  AUTHORS   .
  CONSRTM   FlyBase
  TITLE     Direct Submission
  JOURNAL   Submitted (10-MAR-2004) FlyBase, Harvard University, Biological
            Laboratories, 16 Divinity Avenue, Cambridge, MA 02138, USA
COMMENT     On Jun 28, 2002 this sequence version replaced gi:7291775.
FEATURES             Location/Qualifiers
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                     /mol_type="genomic DNA"
                     /db_xref="taxon:7227"
                     /chromosome="2R"
     gene            <1630. .>2113
                     /locus_tag="CG13578"
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                     /db_xref="FLYBASE:FBgn0035000"
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                     /product="CG13578-RA"
                     /db_xref="FLYBASE:FBgn0035000"
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                     /product="CG13578-PA"
                     /protein_id="AAF47196.1"
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                     /db_xref="FLYBASE:FBgn0035000"
                     /translation="MGCSSSKTSATVEDTKSSKPCSCSAKSSTTRMAAKKEYPASEAF
                     TIPLESDDGPEMPLNETVRQPPKRIQQLMQEAASSEPLTLEELEEKQLKAEQRRQELM
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     gene            complement(2130. .13206)
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                     7418. .8542,13092. .13206))
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     CDS             complement(join(4261. .5350,6735. .6871,6930. .7113,
                     7418. .8373))
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                     /codon_start=1
                     /product="CG4356-PA"
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                     /db_xref="GI:7291777"
                     /db_xref="FLYBASE:FBgn0000037"
                     /translation="MEPVMSLALAAHGPPSILEPLFKTVTTSTTTTTTTTSTTTTA
                     SPAGYSPGYPGTTLLTALFENLTSTAASGLYDPYSGMYGNQTNGTIGFETKGPRYSLA
                     SMVVMGFVAAILSTVTVAGNVMVMISFKIDKQLQTISNYFLFSLAIADFAIGAISMPL
                     FAVTTILGYWPLGPIVCDTWLALDYLASNASVLNLLIISFDRYFSVTRPLTYRAKRTT
                     NRAAVMIGAAWGISLLLWPPWIYSWPYIEGKRTVPKDECYIQFIETNQYITFGTALAA
                     FYFPVTIMCFLYWRIWRETKKRQKDLPNLQAGKKDSSKRSNSSDENTVVNHASGGLLA
                     FAQVGGNDHDTWRRPRSESSPDAESVYMTNMVIDSGYHGMHSRKSSIKSTNTIKKSYT
                     CFGSIKEWCIAWWHSGREDSDDFAYEQEEPSDLGCTSMNVMRDNYSMGGSVSGVRPPS
                     ILLSDVSPTPLPRPPLASISQLQEMSAVTASTTANVNTSGNGNGAINNNNNASHNGNG
                     AVNGNGAGNGSGIGLGTTGNATHRDSRTLPVINRINSRSVSQDSVYTILIRLPSDGAS
                     SNAANGGGGGPGAGAAASASLSMQGDCAPSIKMIHEDGPTTTAAAAPLASAAATRRPL
                     PSRDSEFSLPLGRRMSHAQHDARLLNAKVIPKQLGKAGGGAAGGGVGGAHALMNARNA
                     AKKKKKSQEKRQESKAAKTLSAILLSFIITWTPYNILVLIKPLTTCSDCIPTELWDFF
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                     /product="CG4356-PB"
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                     /translation="MEPVMSLALAAHGPPSILEPLFKTVTTSTTTTTTTTSTTTTA
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                     SMVVMGFVAAILSTVTVAGNVMVMISFKIDKQLQTISNYFLFSLAIADFAIGAISMPL
                     FAVTTILGYWPLGPIVCDTWLALDYLASNASVLNLLIISFDRYFSVTRPLTYRAKRTT
                     NRAAVMIGAAWGISLLLWPPWIYSWPYIEGKRTVPKDECYIQFIETNQYITFGTALAA
                     FYFPVTIMCFLYWRIWRETKKRQKDLPNLQAGKKDSSKRSNSSDENTVVNHASGGLLA
                     FAQVGGNDHDTWRRPRSESSPDAESVYMTNMVIDSGYHGMHSRKSSIKSTNTIKKSYT
                     CFGSIKEWCIAWWHSGREDSDDFAYEQEEPSDLGYATPVTIETPLQSSVSRCTSMNVM
                     RDNYSMGGSVSGVRPPSILLSDVSPTPLPRPPLASISQLQEMSAVTASTTANVNTSGN
                     GNGAINNNNNASHNGNGAVNGNGAGNGSGIGLGTTGNATHRDSRTLPVINRINSRSVS
                     QDSVYTILIRLPSDGASSNAANGGGGGPGAGAAASASLSMQGDCAPSIKMIHEDGPTT
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     gene            complement(15623. .26182)
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  Best Local Similarity   100.0%;  Pred. No. 1.8e+03;
  Matches   16;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy          3 GTATGCCCCGCGGATT 18
              ||||||||||||||||
Db      53748 GTATGCCCCGCGGATT 53763


RESULT 14
AR495667
LOCUS       AR495667                672 bp    DNA     linear   PAT 22-SEP-2004
DEFINITION  Sequence 627 from patent US 6703491.
ACCESSION   AR495667
VERSION     AR495667.1  GI:52431142
KEYWORDS    .
SOURCE      Unknown.
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  ORGANISM  Unknown.
            Unclassified.
REFERENCE   1  (bases 1 to 672)
  AUTHORS   Homburger,S.A., Ebens,A.J. Jr., Erickson,C.S., Francis-Lang,H.L.,
            Margolis,J.S., Reddy,B.P., Ruddy,D.A. and Buchman,A.R.
  TITLE     Drosophila sequences
  JOURNAL   Patent: US 6703491-A 627 09-MAR-2004;
FEATURES             Location/Qualifiers
     source          1. .672
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                     /mol_type="genomic DNA"
ORIGIN

  Query Match             83.2%;  Score 15.8;  DB 6;  Length 672;
  Best Local Similarity   89.5%;  Pred. No. 4.8e+03;
  Matches   17;  Conservative    0;  Mismatches    2;  Indels    0;  Gaps    0;

Qy          1 CGGTATGCCCCGCGGATTG 19
              ||||||||||| || |||||
Db         53 CGGTATGCCCAGCAGATTG 71


RESULT 15
AR510949
LOCUS       AR510949                672 bp    DNA     linear   PAT 22-SEP-2004
DEFINITION  Sequence 15909 from patent US 6703491.
ACCESSION   AR510949
VERSION     AR510949.1  GI:52446424
KEYWORDS    .
SOURCE      Unknown.
  ORGANISM  Unknown.
            Unclassified.
REFERENCE   1  (bases 1 to 672)
  AUTHORS   Homburger,S.A., Ebens,A.J. Jr., Erickson,C.S., Francis-Lang,H.L.,
            Margolis,J.S., Reddy,B.P., Ruddy,D.A. and Buchman,A.R.
  TITLE     Drosophila sequences
  JOURNAL   Patent: US 6703491-A 15909 09-MAR-2004;
FEATURES             Location/Qualifiers
     source          1. .672
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ORIGIN

  Query Match             83.2%;  Score 15.8;  DB 6;  Length 672;
  Best Local Similarity   89.5%;  Pred. No. 4.8e+03;
  Matches   17;  Conservative    0;  Mismatches    2;  Indels    0;  Gaps    0;

Qy          1 CGGTATGCCCCGCGGATTG 19
              ||||||||||| || |||||
Db         53 CGGTATGCCCAGCAGATTG 71


RESULT 16
AF273770/c
LOCUS       AF273770                1816 bp    mRNA    linear   INV 22-NOV-2002
DEFINITION  Caenorhabditis elegans clone yk446a12 nuclear receptor NHR-6 mRNA,
            partial cds.
ACCESSION   AF273770
VERSION     AF273770.1  GI:10197968
KEYWORDS    .
SOURCE      Caenorhabditis elegans
  ORGANISM  Caenorhabditis elegans
            Eukaryota; Metazoa; Nematoda; Chromadorea; Rhabditida;
            Rhabditoidea; Rhabditidae; Peloderinae; Caenorhabditis.
REFERENCE   1  (bases 1 to 1816)
  AUTHORS   Robinson-Rechavi,M., Maina,C.V., Gissendanner,C., Laudet,V. and
            Sluder,A.E.
  TITLE     Explosive lineage-specific expansion of the orphan nuclear receptor
            HNF4 in nematodes
  JOURNAL   Unpublished
REFERENCE   2  (bases 1 to 1816)
  AUTHORS   Robinson-Rechavi,M., Maina,C.V., Gissendanner,C., Laudet,V. and
            Sluder,A.E.
  TITLE     Direct Submission
  JOURNAL   Submitted (31-MAY-2000) New England Biolabs, 32 Tozer Road,
            Beverly, MA 01915, USA
FEATURES             Location/Qualifiers
     source          1. .1816
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                     /clone="yk446a12"
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     CDS             <1. .1412
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                     PIDKRYRSRCQYCRYQKCLEVGMVKEIVRHGSLSGRRGRLSSKTKLARSEDQPSPPLP
                     LLALMGKAIEDHTNMTVVRQFMQPFDETIALRILHGELHATKKLLMAMPQISEIQPAD
                     FQILLSRSFFAIMAIRVANRCGNSTDTIMFESGELFSLNAFPACFQQIIRFMVDKART
                     FSSLVDWEPQAFAAFIALQFLAGNTEHNVLGLTNKPLVDQVQSTIINALKDHCSGSQN
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ORIGIN

  Query Match             83.2%;  Score 15.8;  DB 3;  Length 1816;
  Best Local Similarity   89.5%;  Pred. No. 4.3e+03;
  Matches   17;  Conservative    0;  Mismatches    2;  Indels    0;  Gaps    0;

Qy          1 CGGTATGCCCCGCGGATTG 19
              |||| |||| |||||||||
Db        889 CGGTTTGCCACGCGGATTG 871


RESULT 17
CEU13076/c
LOCUS       CEU13076                1828 bp    mRNA    linear   INV 17-APR-1996
DEFINITION  Caenorhabditis elegans steroid hormone receptor family member CNR8
            (cnr8) mRNA, complete cds.
ACCESSION   U13076
VERSION     U13076.1  GI:538372
KEYWORDS    .
SOURCE      Caenorhabditis elegans
  ORGANISM  Caenorhabditis elegans
            Eukaryota; Metazoa; Nematoda; Chromadorea; Rhabditida;
            Rhabditoidea; Rhabditidae; Peloderinae; Caenorhabditis.
REFERENCE   1  (sites)
  AUTHORS   Kostrouch,Z., Kostrouchova,M. and Rall,J.E.
  TITLE     Steroid/thyroid hormone receptor genes in Caenorhabditis elegans
  JOURNAL   Proc. Natl. Acad. Sci. U.S.A. 92 (1), 156-159 (1995)
  MEDLINE   95116514
   PUBMED   7816808
REFERENCE   2  (bases 1 to 1828)
  AUTHORS   Kostrouch,Z.
  TITLE     Direct Submission
  JOURNAL   Submitted (08-AUG-1994) Zdenek Kostrouch, Genetics and Biochemistry
            Branch, NIDDK, NIH, 9000 Rockville Pike, Bethesda, MD 20892, USA
FEATURES             Location/Qualifiers
     source          1. .1828
                     /organism="Caenorhabditis elegans"
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                     /dev_stage="stage L3"
                     /note="wild type"
     gene            1. .1828
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     CDS             59. .1450
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                     RSRCQYCRYQKCLEVGMVKEIVRHGSLSGRRGRLSSKTKLARSEDQPSPPLPLLALMG
                     KAIEDHTNMTVVRQFMQPFDETIALRILHGELHATKKLLMAMPQISEIQPADFQILLS
                     RSFFAIMAIRVANRCGNSTDTIMFESGELFSLNAFPACFQQIIRFMVDKARTFSSLVD
                     WEPQAFAAFIALQFLAGNTEHNVLGLTNKPLVDQVQSTIINALKDHCSGSQNKLAKIV
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ORIGIN

  Query Match             83.2%;  Score 15.8;  DB 3;  Length 1828;
  Best Local Similarity   89.5%;  Pred. No. 4.3e+03;
  Matches   17;  Conservative    0;  Mismatches    2;  Indels    0;  Gaps    0;

Qy          1 CGGTATGCCCCGCGGATTG 19
              |||| |||| |||||||||
Db        927 CGGTTTGCCACGCGGATTG 909


RESULT 18
AY204167/c
LOCUS       AY204167                2372 bp    mRNA    linear   INV 17-FEB-2003
DEFINITION  Caenorhabditis elegans clone yk337g1 nuclear receptor NHR-6 mRNA,
            complete cds.
ACCESSION   AY204167
VERSION     AY204167.1  GI:28396015
KEYWORDS    .
SOURCE      Caenorhabditis elegans
  ORGANISM  Caenorhabditis elegans
            Eukaryota; Metazoa; Nematoda; Chromadorea; Rhabditida;
            Rhabditoidea; Rhabditidae; Peloderinae; Caenorhabditis.
REFERENCE   1  (bases 1 to 2372)
  AUTHORS   Robinson-Rechavi,M., Maina,C.V., Gissendanner,C.R., Laudet,V. and
            Sluder,A.
  TITLE     Explosive lineage-specific expansion of the orphan nuclear receptor
            HNF4 in nematodes
  JOURNAL   Unpublished
REFERENCE   2  (bases 1 to 2372)
  AUTHORS   Robinson-Rechavi,M., Maina,C.V., Gissendanner,C.R., Laudet,V. and
            Sluder,A.
  TITLE     Direct Submission
  JOURNAL   Submitted (17-DEC-2002) New England Biolabs, 32 Tozer Road,
            Beverly, MA 01915, USA
FEATURES             Location/Qualifiers
     source          1. .2372
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                     /chromosome="III"
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                     /clone="yk337g1"
     CDS             113. .1972
                     /codon_start=1
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                     /db_xref="GI:28396016"
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                     DLFLATAAPHYNPFALSNDFMPNPLMPSFTSPFYPQHFPVSDSRRGSQGTTSSSNNTG
                     GTPSPHSSSLPTSPPQLQGFLRSFLNPDNLSTPTSFGVPSETALDADKMCAVCNDRAV
                     CLHYGARTCEGCKGFFKRTVQKNSKYTCAGNKTCPIDKRYRSRCQYCRYQKCLEVGMV
                     KEIVRHGSLSGRRGRLSSKTKLARSEDQPSPPLPLLALMGKAIEDHTNMTVVRQFMQP
                     FDETIALRILHGELHATKKLLMAMPQISEIQPADFQILLSRSFFAIMAIRVANRCGNS
                     TDTIMFESGELFSLNAFPACFQQIIRFMVDKARTFSSLVDWEPQAFAAFIALQFLAGN
                     TEHNVLGLTNKPLVDQVQSTIINALKDHCSGSQNKLAKIVRLTQEFDVFHALGLQALD
                     ILYPSHQLPEEFMFLINLTRAPLRSTDAPPACGSPVAPSGSSLFNFQMGPAAF"
ORIGIN

  Query Match             83.2%;  Score 15.8;  DB 3;  Length 2372;
  Best Local Similarity   89.5%;  Pred. No. 4.1e+03;
  Matches   17;  Conservative    0;  Mismatches    2;  Indels    0;  Gaps    0;

Qy          1 CGGTATGCCCCGCGGATTG 19
              |||| |||| |||||||||
Db       1449 CGGTTTGCCACGCGGATTG 1431


RESULT 19
AF083224/c
LOCUS       AF083224                2382 bp    mRNA    linear   INV 11-MAR-1999
DEFINITION  Caenorhabditis elegans nuclear receptor NHR-6 (nhr-6) mRNA,
            complete cds.
ACCESSION   AF083224
VERSION     AF083224.1  GI:4139073
KEYWORDS    .
SOURCE      Caenorhabditis elegans
  ORGANISM  Caenorhabditis elegans
            Eukaryota; Metazoa; Nematoda; Chromadorea; Rhabditida;
            Rhabditoidea; Rhabditidae; Peloderinae; Caenorhabditis.
REFERENCE   1  (bases 1 to 2382)
  AUTHORS   Sluder,A.E., Mathews,S.W., Hough,D., Yin,V.P. and Maina,C.V.
  TITLE     The nuclear receptor superfamily has undergone extensive
            proliferation and diversification in nematodes
  JOURNAL   Genome Res. 9 (2), 103-120 (1999)
  MEDLINE   99148134
   PUBMED   10022975
REFERENCE   2  (bases 1 to 2382)
  AUTHORS   Sluder,A.E., Mathews,S.W., Yin,V.P., Hough,D. and Maina,C.V.
  TITLE     Direct Submission
  JOURNAL   Submitted (10-AUG-1998) New England Biolabs, 32 Tozer Rd., Beverly,
            MA 01915, USA
FEATURES             Location/Qualifiers
     source          1. .2382
                     /organism="Caenorhabditis elegans"
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                     /chromosome="III"
                     /clone="Y68C4; Y43E9"
     gene            1. .2382
                     /gene="nhr-6"
     CDS             134. .1993
                     /gene="nhr-6"
                     /note="similar to Caenorhabditis elegans EST clone
                     yk446a12; similar to NGIF-beta and Dr38; similar to cnr-8
                     encoded by GenBank Accession Number U13076"
                     /codon_start=1
                     /product="nuclear receptor NHR-6"
                     /protein_id="AAD03682.1"
                     /db_xref="GI:4139074"
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                     DLFLATAAPHYNPFALSNDFMPNPLMPSFTSPFYPQHFPVSDSRRGSQGTTSSSNNTG
                     GTPSPHSSSLPTSPPQLQGFLRSFLNPDNLSTPTSFGVPSETALDADKMCAVCNDRAV
                     CLHYGARTCEGCKGFFKRTVQKNSKYTCAGNKTCPIDKRYRSRCQYCRYQKCLEVGMV
                     KEIVRHGSLSGRRGRLSSKTKLARSEDQPSPPLPLLALMGKAIEDHTNMTVVRQFMQP
                     FDETIALRILHGELHATKKLLMAMPQISEIQPADFQILLSRSFFAIMAIRVANRCGNS
                     TDTIMFESGELFSLNAFPACFQQIIRFMVDKARTFSSLVDWEPQAFAAFIALQFLAGN
                     TEHNVLGLTNKPLVDQVQSTIINALKDHCSGSQNKLAKIVRLTQEFDVFHALGLQALD
                     ILYPSHQLPEEFMFLINLTRAPLRSTDAPPACGSPVAPSGSSLFNFQMGPAAF"
ORIGIN

  Query Match             83.2%;  Score 15.8;  DB 3;  Length 2382;
  Best Local Similarity   89.5%;  Pred. No. 4.1e+03;
  Matches   17;  Conservative    0;  Mismatches    2;  Indels    0;  Gaps    0;

Qy          1 CGGTATGCCCCGCGGATTG 19
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Db       1470 CGGTTTGCCACGCGGATTG 1452


RESULT 20
CQ574941/c
LOCUS       CQ574941               3963 bp    DNA     linear   PAT 02-FEB-2004
DEFINITION  Sequence 2699 from Patent WO0171042.
ACCESSION   CQ574941
VERSION     CQ574941.1  GI:41638607
KEYWORDS    .
SOURCE      Drosophila sp.
  ORGANISM  Drosophila sp.
            Eukaryota; Metazoa; Arthropoda; Hexapoda; Insecta; Pterygota;
            Neoptera; Endopterygota; Diptera; Brachycera; Muscomorpha;
            Ephydroidea; Drosophilidae; Drosophila.
REFERENCE   1
  AUTHORS   Venter,J.C., Adams,M., Li,P.W. and Myers,E.W.
  TITLE     Detection kits, such as nucleic acid arrays, for detecting the
            expression of 10,000 or more Drosophila genes and uses thereof
  JOURNAL   Patent: WO 0171042-A 2699 27-SEP-2001;
            PE Corporation (NY) (US)
FEATURES             Location/Qualifiers
     source          1. .3963
                     /organism="Drosophila sp."
                     /mol_type="unassigned DNA"
                     /db_xref="taxon:7242"
ORIGIN

  Query Match             83.2%;  Score 15.8;  DB 6;  Length 3963;
  Best Local Similarity   89.5%;  Pred. No. 3.9e+03;
  Matches   17;  Conservative    0;  Mismatches    2;  Indels    0;  Gaps    0;

Qy          1 CGGTATGCCCCGCGGATTG 19
              |||||||||| || |||||
Db       3519 CGGTATGCCCAGCAGATTG 3501


RESULT 21
BT014649/c
LOCUS       BT014649               4234 bp    mRNA    linear   INV 15-MAY-2004
DEFINITION  Drosophila melanogaster RE21490 full insert cDNA.
ACCESSION   BT014649
VERSION     BT014649.1  GI:47271205
KEYWORDS    FLI_CDNA.
SOURCE      Drosophila melanogaster (fruit fly)
  ORGANISM  Drosophila melanogaster
            Eukaryota; Metazoa; Arthropoda; Hexapoda; Insecta; Pterygota;
            Neoptera; Endopterygota; Diptera; Brachycera; Muscomorpha;
            Ephydroidea; Drosophilidae; Drosophila.
REFERENCE   1  (bases 1 to 4234)
  AUTHORS   Stapleton,M., Carlson,J., Chavez,C., Frise,E., George,R.,
            Pacleb,J., Park,S., Wan,K., Yu,C., Rubin,G.M. and Celniker,S.
  TITLE     Direct Submission
  JOURNAL   Submitted (15-MAY-2004) Berkeley Drosophila Genome Project,
            Lawrence Berkeley National Laboratory, One Cyclotron Road,
            Berkeley, CA 94720, USA
COMMENT     Sequence submitted by:
            Berkeley Drosophila Genome Project
             Lawrence Berkeley National Laboratory
            Berkeley, CA 94720
             This clone was sequenced as part of a high-throughput process to
            sequence clones from Drosophila Gene Collection (Rubin et al.,
            Science 2000, Stapleton et al., Genome Biology 2002). The sequence
            has been subjected to integrity checks for sequence accuracy,
            presence of a polyA tail and contiguity within 100 kb in the
            genome. Thus we believe the sequence to reflect accurately this
            particular cDNA clone. However, there are artifacts associated with
            the generation of cDNA clones that may have not been detected in
            our initial analyses such as internal priming, priming from
            contaminating genomic DNA, retained introns due to reverse
            transcription of unspliced precursor RNAs, and reverse
            transcriptase errors that result in single base changes. For
            further information about this sequence, including its location and
            relationship to other sequences, please visit our Web site
            (http://fruitfly.berkeley.edu) or send email to cdna@fruitfly.org.
FEATURES             Location/Qualifiers
     source          1. .4234
                     /organism="Drosophila melanogaster"
                     /mol_type="mRNA"
                     /strain="y; cn bw sp"
                     /db_xref="taxon:7227"
     CDS             320. .4084
                     /note="Longest ORF"
                     /codon_start=1
                     /product="RE21490p"
                     /protein_id="AAT27273.1"
                     /db_xref="GI:47271206"
                     /translation="MPSDERVEATMSTVRLPIVGMTCQSCVRNITEHIGQKSGILGVR
                     VILEENAGYFDYDPRQTDPARIASDIDDMGFECSYPGDAADPPETPASAWTNIRVVGM
                     TCQSCVRNIEGNIGTKPGIHSIEVQLAAKNARVQYDPAQYDPAQIAELIDDMGFEASV
                     QEPRSPSQSPSPAPTSSPKKRATPTPPPPSYAQNGSAVAIPVEQELLTKCFLHIRGMT
                     CASCVAAIEKHCKKIYGLDSILVALLAAKAEVKFNANVVTAENIAKSITELGFPTELI
                     DEPDNGEAEVELEIMGMTCASCVNKIESHVLKIRGVTTASVTLLTKRGKFRYITEETG
                     PRSICEAIEALGFEAKLMTGRDKMAHNYLEHKEEIRKWRNAFLVSLIFGGPCMVAMIY
                     FMLEMSDKGHANMCCLVPGLSMENLVMFLLSTPVQFFGGFHFYVQSYRAIKHGTTNMD
                     VLISMVTTISYVYSVAVVIAAVLLEQNSSPLTFFDTPPMLLIFISLGRWLEHIAKGKT
                     SEALSKLLSLKAADALLVEISPDFDIISEKVISVDYVQRGDILKVIPGAKVPVDGKVL
                     YGHSSCDESLITGESMPVAKRKGSVVIGGSINQNGVLLVEATHTGENTTLAQIVRLVE
                     EAQTSKAPIQQLADRIAGYFVPFVVVVSSITLIAWIIIGFSNPNLVPVAMEHKMHMDQ
                     NTIIVSYAFKCALSVLAIACPCALGLATPTAVMVATGTGAINGVLVKGATALENAHKV
                     KTVVFDKTGTITHGTPMTSKVTLFVTAQVCSLARALTIVGAAEQNSEHPIASAIVHFA
                     KDMLNVGATPQAGSFGKSSHFQAVPGCGIRVTVSNYEQTLRQACNADRIINYENLHRT
                     HPQGSVPVDNGASIEHLLPQRSVRKSMELNNQQLLSDLVLEPEEELLTDQKIIDSPEI
                     LVLIGNREWMERNAIEVPLEISDCMTHEERKGHTAVLCALNGQLVCMFAVSDMVKPEA
                     HLAVYTLKRMGIDVVLLTGDNKNTAASIAREVGIRTVYAEVLPSHKVAKIQRIQANGI
                     RVAMVGDGVNDSPALAQADVGITIAAGTDVAAEASDIVLMRNDLLDVVACLDLSRCTV
                     RRIRYNFFFASMYNLLGIPLASGLFAPYGFTLLPWMASVAMAASSVSVVCSSLLLKMY
                     RKPTAKTLRTAEYEAQLAAERASGSEDELDKLSLHRGLDDLPEKGRMPFKRSSTSLIS
                     RIFMHDYGNITSPDAKYGEGLLDPEEQYDGRTKIVRSRFHANDSTELQKL"
ORIGIN

  Query Match             83.2%;  Score 15.8;  DB 3;  Length 4234;
  Best Local Similarity   89.5%;  Pred. No. 3.9e+03;
  Matches   17;  Conservative    0;  Mismatches    2;  Indels    0;  Gaps    0;

Qy          1 CGGTATGCCCCGCGGATTG 19
              |||||||||| || |||||
Db       3640 CGGTATGCCCAGCAGATTG 3622


RESULT 22
CQ574940/c
LOCUS       CQ574940               10644 bp    DNA     linear   PAT 02-FEB-2004
DEFINITION  Sequence 2698 from Patent WO0171042.
ACCESSION   CQ574940
VERSION     CQ574940.1  GI:41638606
KEYWORDS    .
SOURCE      Drosophila sp.
  ORGANISM  Drosophila sp.
            Eukaryota; Metazoa; Arthropoda; Hexapoda; Insecta; Pterygota;
            Neoptera; Endopterygota; Diptera; Brachycera; Muscomorpha;
            Ephydroidea; Drosophilidae; Drosophila.
REFERENCE   1
  AUTHORS   Venter,J.C., Adams,M., Li,P.W. and Myers,E.W.
  TITLE     Detection kits, such as nucleic acid arrays, for detecting the
            expression of 10,000 or more Drosophila genes and uses thereof
  JOURNAL   Patent: WO 0171042-A 2698 27-SEP-2001;
            PE Corporation (NY) (US)
FEATURES             Location/Qualifiers
     source          1. .10644
                     /organism="Drosophila sp."
                     /mol_type="unassigned DNA"
                     /db_xref="taxon:7242"
ORIGIN
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  Query Match             83.2%;  Score 15.8;  DB 6;  Length 10644;
  Best Local Similarity   89.5%;  Pred. No. 3.5e+03;
  Matches   17;  Conservative    0;  Mismatches    2;  Indels    0;  Gaps    0;

Qy          1 CGGTATGCCCCGCGGATTG 19
              |||||||||| || |||||
Db       9200 CGGTATGCCCAGCAGATTG 9182


RESULT 23
AC014190
LOCUS       AC014190               28043 bp    DNA     linear   HTG 16-NOV-1999
DEFINITION  Drosophila melanogaster, *** SEQUENCING IN PROGRESS ***.
ACCESSION   AC014190
VERSION     AC014190.1  GI:6437145
KEYWORDS    HTG; HTGS_PHASE2.
SOURCE      Drosophila melanogaster (fruit fly)
  ORGANISM  Drosophila melanogaster
            Eukaryota; Metazoa; Arthropoda; Hexapoda; Insecta; Pterygota;
            Neoptera; Endopterygota; Diptera; Brachycera; Muscomorpha;
            Ephydroidea; Drosophilidae; Drosophila.
REFERENCE   1  (bases 1 to 28043)
  AUTHORS   Adams,M. and Venter,J.C.
  TITLE     Direct Submission
  JOURNAL   Submitted (16-NOV-1999) Celera Genomics, 45 West Gude Drive,
            Rockville, MD, USA
COMMENT     This sequence was identified as CDM:10211374 by the submitter.
            For further information on this sequence e-mail to fly@celera.com.
            * NOTE: This is a 'working draft' sequence.
            * This sequence will be replaced
            * by the finished sequence as soon as it is available and
            * the accession number will be preserved.
FEATURES             Location/Qualifiers
     source          1. .28043
                     /organism="Drosophila melanogaster"
                     /mol_type="genomic DNA"
                     /db_xref="taxon:7227"
ORIGIN

  Query Match             83.2%;  Score 15.8;  DB 2;  Length 28043;
  Best Local Similarity   89.5%;  Pred. No. 3.1e+03;
  Matches   17;  Conservative    0;  Mismatches    2;  Indels    0;  Gaps    0;

Qy          1 CGGTATGCCCCGCGGATTG 19
              |||||||||| || |||||
Db      14386 CGGTATGCCCAGCAGATTG 14404


RESULT 24
CEC48D5/c
LOCUS       CEC48D5                38370 bp    DNA     linear   INV 12-OCT-2004
DEFINITION  Caenorhabditis elegans cosmid C48D5, complete sequence.
ACCESSION   Z36237
VERSION     Z36237.1  GI:530278
KEYWORDS    HTG; Cytoskeletal protein 4.1; Steroid hormone receptor.
SOURCE      Caenorhabditis elegans
  ORGANISM  Caenorhabditis elegans
            Eukaryota; Metazoa; Nematoda; Chromadorea; Rhabditida;
            Rhabditoidea; Rhabditidae; Peloderinae; Caenorhabditis.
REFERENCE   1
  AUTHORS   none.
  TITLE     Genome sequence of the nematode C. elegans: a platform for
            investigating biology. The C. elegans Sequencing Consortium
  JOURNAL   Science 282 (5396), 2012-2018 (1998)
  MEDLINE   99069613
   PUBMED   9851916
  REMARK    The C.elegans Sequencing Consortium.
REFERENCE   2  (bases 1 to 38370)
  AUTHORS   Lightning,J.
  TITLE     Direct Submission
  JOURNAL   Submitted (09-AUG-1994) Nematode Sequencing Project, Sanger
            Institute, Hinxton, Cambridge CB10 1SA, England and Department of
            Genetics, Washington University, St. Louis, MO 63110, USA. E-mail:
            jes@sanger.ac.uk or rw@nematode.wustl.edu E-mail: worm@sanger.ac.uk
COMMENT     Coding sequences below are predicted from computer analysis, using
            predictions from Genefinder (P. Green, U. Washington), and other
            available information.
            Current sequence finishing criteria for the C. elegans genome
            sequencing consortium are that all bases are either sequenced
            unambiguously on both strands, or on a single strand with both a
            dye primer and dye terminator reaction, from distinct subclones.
            Exceptions are indicated by an explicit note.
            IMPORTANT:  This sequence is NOT necessarily the entire insert of
            the specified clone.  It may be shorter because we only sequence
            overlapping sections once, or longer because we arrange for a small
            overlap between neighbouring submissions.
            For a graphical representation of this sequence and its analysis
            see:- http://wormbase.sanger.ac.uk/perl/ace/elegans/seq/sequence?
            name=C48D5
            For a graphical representation of this sequence and its analysis
            see:- http:
            IMPORTANT: This sequence is not the entire insert of clone C48D5.
            It may be shorter because we only sequence overlapping sections
            once, or longer because we arrange for a small overlap between
            neighbouring submissions.
            The true left end of clone C48D5 is at 1 in this sequence. The true
            right end of clone C48D5 is at 4074 in
            sequence Z48241.
            The true left end of clone C32A3 is at 38267 in this sequence. The
            true right end of clone C54C6 is at 6823 in this sequence. The
            start of this sequence (1. .102) overlaps with the end of sequence
            Z77131.
            The end of this sequence (38269. .38370) overlaps with the start of
            sequence Z48241.
FEATURES             Location/Qualifiers
     source          1. .38370
                     /organism="Caenorhabditis elegans"
                     /mol_type="genomic DNA"
                     /strain="Bristol N2"
                     /db_xref="taxon:6239"
                     /chromosome="III"
                     /clone="C48D5"
     gene            join(15208. .15249,15367. .15432,15657. .15759,15803. .15885,
                     17701. .17778,17826. .17977,18118. .18312,18379. .18668,
                     18714. .18871,18919. .19279,19357. .19478,19690. .19899)
                     /gene="C48D5.1"
     CDS             join(15208. .15249,15367. .15432,15657. .15759,15803. .15885,
                     17701. .17778,17826. .17977,18118. .18312,18379. .18668,
                     18714. .18871,18919. .19279,19357. .19478,19690. .19899)
                     /gene="C48D5.1"
                     /standard_name="C48D5.1"
                     /note="C. elegans NHR-6 protein; contains similarity to
                     Pfam domains PF00104 (Ligand-binding domain of nuclear
                     hormone receptors), PF00105 (Zinc finger, C4 type (two
                     domains))"
                     /codon_start=1
                     /product="Hypothetical protein C48D5.1"
                     /protein_id="CAA85271.2"
                     /db_xref="GI:6434260"
                     /db_xref="GOA:P41829"
                     /db_xref="UniProt/Swiss-Prot:P41829"
                     /translation="MEQLSIQTDELQDQFSNCSPASVDSSYSSCSSVEDEIEIYTRLV
                     RNEEPLRRDFFREMSKNSSCSSSFDYGEFGPSSSSRKGSKTTDADLDSLFHSLVETSD
                     QVNTVPKPTKTEVESIPEEFEQKPSSSSHRLPSEMNASITHIKSELDPTMQAFQMPHN
                     DLFLATAAPHYNPFALSNDFMPNPLMPSFTSPFYPQHFPVSDSRRGSQGTTSSSNNTG
                     GTPSPHSSSLPTSPPQLQGFLRSFLNPDNLSTPTSFGVPSETALDADKMCAVCNDRAV
                     CLHYGARTCEGCKGFFKRTVQKNSKYTCAGNKTCPIDKRYRSRCQYCRYQKCLEVGMV
                     KEIVRHGSLSGRRGRLSSKTKLARSEDQPSPPLPLLALMGKAIEDHTNMTVVRQFMQP
                     FDETIALRILHGELHATKKLLMAMPQISEIQPADFQILLSRSFFAIMAIRVANRCGNS
                     TDTIMFESGELFSLNAFPACFQQIIRFMVDKARTFSSLVDWEPQAFAAFIALQFLAGN
                     TEHNVLGLTNKPLVDQVQSTIINALKDHCSGSQNKLAKIVRLTQEFDVFHALGLQALD
                     ILYPSHQLPEEFMPLINLTRAPLRSTDAPPACGSPVAPSGSSLFNFQMGPAAF"
     gene            complement(join(20391. .20533,21830. .21967,22770. .22889,
                     23067. .23202))
                     /gene="C48D5.3"
     CDS             complement(join(20391. .20533,21830. .21967,22770. .22889,
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                23067. .23202))
                /gene="C48D5.3"
                /standard_name="C48D5.3"
                /note="contains similarity to Rattus norvegicus Mucin 2
                precursor (Intestinal mucin 2) (Fragment).; SW:MUC2_RAT"
                /codon_start=1
                /product="Hypothetical protein C48D5.3"
                /protein_id="CAE17761.1"
                /db_xref="GI:33300004"
                /db_xref="UniProt/TrEMBL:Q7YX49"
                /translation="MLLRFIILSVVCSNGFVRATATETPWYYPIIEILQAKLVDFTCS
                QEKIRHIKNSTFFLECTTTMDCDTGLSCFHATTYSKGCCLMALKPNETGCMIEDQCKQ
                ACESTICDRSQFPSRCLCEKGRHFLFNKCWKKCPDFAHPEPIIDDRGFSRCELKTDLK
                TAFQYMRRNKRQMRNNFC"
gene            join(32279. .32416,33133. .33249,33294. .33510,33906. .34032,
                34113. .34359,34674. .34900,35719. .35832,35949. .36101,
                Z48241.1:8054. .8156,Z48241.1:10288. .10471,
                Z48241.1:10797. .10984,Z48241.1:11363. .11663,
                Z48241.1:12233. .12461,Z48241.1:12924. .13011,
                Z48241.1:13063. .13338,Z48241.1:13800. .14084,
                Z48241.1:14717. .14803)
                /gene="C48D5.2a"
CDS             join(32279. .32416,33133. .33249,33294. .33510,33906. .34032,
                34113. .34359,34674. .34900,35719. .35832,35949. .36101,
                Z48241.1:8054. .8156,Z48241.1:10288. .10471,
                Z48241.1:10797. .10984,Z48241.1:11363. .11663,
                Z48241.1:12233. .12461,Z48241.1:12924. .13011,
                Z48241.1:13063. .13338,Z48241.1:13800. .14084,
                Z48241.1:14717. .14803)
                /gene="C48D5.2a"
                /standard_name="C48D5.2a"
                /note="C. elegans PTP-1 protein; contains similarity to
                Pfam domains PF00102 (Protein-tyrosine phosphatase),
                PF00595 (PDZ domain (Also known as DHR or GLGF)), PF00373
                (Band 4.1 family)"
                /codon_start=1
                /product="Hypothetical protein C48D5.2a"
                /protein_id="CAA85272.1"
                /db_xref="GI:3875029"
                /db_xref="GOA:P28191"
                /db_xref="UniProt/Swiss-Prot:P28191"
                /translation="MRLGSNSYDVQRTEAIGQTPVKTPPPNQIRCTVTFLDSTSYHFE
                IEKNSLGIVLLEKVFNYLEIIEKDYFGLVFIAVDNSSAQQKKWLDPSKNLRKQMICPP
                YHLFPRVKFYVRDPNRLRDEFTRFQFYQQVRQNLEEGRLPCNEGSLALLASYVVQAEV
                GDFEEKTHGMSRTCLCYKIQFATLPDDFSDRVAELHQLHIGQTPDVAEQNFLDHARRL
                EMYGMDVYDGVDANHLPIEIGVGAVGIKVFHEGIKMNEYAWVRIRKLSFKKKQFQVLV
                ANEDGVSETIMIFNIMSAKICKLLWKCCIEQHTFFRLKTPPKTPQRKVFNFGSKFRYS
                GRTEYQTLEENEHRKSAGHRNFHRSLSKSSFLRSTFSGNTQSIDSSRYTNTTTTDSPE
                LPSSGQLLARRLLSAARHDTDSSDALGYASDGAVVCAPLTTPLSPRRTRDYATDSESS
                APSLRQQRLSKEAIYYGTQESCDEKSWTPSMACTSTSPGIHASTASVRPVSSGSTPNG
                ASRKSANSGYSGYGYATQTQQPTSTTNASYSPYLNGTISRSSGAAVAKAAARGLPPTN
                QQAYNTSSPRNSVASYSSFASAGIGGSPPRSKRSPQSNKSSSPVGEDQVVTIKMRPDR
                HGRFGFNVKGGADQNYPVIVSRVAPGSSADKCQPRLNEGDQVLFIDGRDVSTMSHDHV
                VQFIRSARSGLNGGELHLTIRPNVYRLGEEVDEPDSTMVPEPARVADSVPNSDKLSKS
                LQLLADSLNSGKVVDHFEMLYRKKPGMSMNICRLTANLAKNRYRDVCPYDDTRVTLQA
                SPSGDYINANYVNMEIPSSGIVNRYIACQGPLAHTSSDFWVMVWEQHCTTIVMLTTIT
                ERGRVKCHQYWPRVFETQEYGRLMIKCIKDKQTTNCCYREFSIRDRNSSEERRVTQMQ
                YIAWPDHGVPDDPKHFIQFVDEVRKARQGSVDPIVVHCSAGIGRTGVLILMETAACLV
                ESNEPVYPLDIVRTMRDQRAMLIQTPGQYTFVCESILRAYHDGTIKPLAEYSKR"
gene            join(36733. .36761,Z48241.1:8054. .8156,
                Z48241.1:10288. .10471,Z48241.1:10797. .10984,
                Z48241.1:11363. .11663,Z48241.1:12233. .12461,
                Z48241.1:12924. .13011,Z48241.1:13063. .13338,
                Z48241.1:13800. .14084,Z48241.1:14717. .14803)
                /gene="C48D5.2c"
CDS             join(36733. .36761,Z48241.1:8054. .8156,
                Z48241.1:10288. .10471,Z48241.1:10797. .10984,
                Z48241.1:11363. .11663,Z48241.1:12233. .12461,
                Z48241.1:12924. .13011,Z48241.1:13063. .13338,
                Z48241.1:13800. .14084,Z48241.1:14717. .14803)
                /gene="C48D5.2c"
                /standard_name="C48D5.2c"
                /note="contains similarity to Pfam domains PF00102
                (Protein-tyrosine phosphatase), PF00595 (PDZ domain (Also
                known as DHR or GLGF))"
                /codon_start=1
                /product="Hypothetical protein C48D5.2c"
                /protein_id="CAD44107.1"
                /db_xref="GI:22265772"
                /db_xref="GOA:Q8MM81"
                /db_xref="UniProt/TrEMBL:Q8MM81"
                /translation="MRRRRTARTSESSAPSLRQQRLSKEAIYYGTQESCDEKSWTPSM
                ACTSTSPGIHASTASVRPVSSGSTPNGASRKSANSGYSGYGYATQTQQPTSTTNASYS
                PYLNGTISRSSGAAVAKAAARGLPPTNQQAYNTSSPRNSVASYSSFASAGIGGSPPRS
                KRSPQSNKSSSPVGEDQVVTIKMRPDRHGRFGFNVKGGADQNYPVIVSRVAPGSSADK
                CQPRLNEGDQVLFIDGRDVSTMSHDHVVQFIRSARSGLNGGELHLTIRPNVYRLGEEV
                DEPDSTMVPEPARVADSVPNSDKLSKSLQLLADSLNSGKVVDHFEMLYRKKPGMSMNI
                CRLTANLAKNRYRDVCPYDDTRVTLQASPSGDYINANYVNMEIPSSGIVNRYIACQGP
                LAHTSSDFWVMVWEQHCTTIVMLTTITERGRVKCHQYWPRVFETQEYGRLMIKCIKDK
                QTTNCCYREFSIRDRNSSEERRVTQMQYIAWPDHGVPDDPKHFIQFVDEVRKARQGSV
                DPIVVHCSAGIGRTGVLILMETAACLVESNEPVYPLDIVRTMRDQRAMLIQTPGQYTF
                VCESILRAYHDGTIKPLAEYSKR"
ORIGIN

  Query Match             83.2%;  Score 15.8;  DB 3;  Length 38370;
  Best Local Similarity   89.5%;  Pred. No. 3e+03;
  Matches   17;  Conservative    0;  Mismatches    2;  Indels    0;  Gaps    0;

Qy          1 CGGTATGCCCCGCGGATTG 19
              |||| |||| |||||||||
Db      19088 CGGTTTGCCACGCGGATTG 19070


RESULT 25
DMBR37M19/c
LOCUS       DMBR37M19              75282 bp    DNA     linear   HTG 14-DEC-1999
DEFINITION  Drosophila melanogaster chromosome X clone BACR37M19 map 10E strain
            y; cn bw sp, *** SEQUENCING IN PROGRESS ***, 72 unordered pieces.
ACCESSION   AL133495
VERSION     AL133495.1  GI:6580401
KEYWORDS    HTG; HTGS_PHASE1.
SOURCE      Drosophila melanogaster (fruit fly)
  ORGANISM  Drosophila melanogaster
            Eukaryota; Metazoa; Arthropoda; Hexapoda; Insecta; Pterygota;
            Neoptera; Endopterygota; Diptera; Brachycera; Muscomorpha;
            Ephydroidea; Drosophilidae; Drosophila.
REFERENCE   1  (bases 1 to 75282)
  AUTHORS   Borkova,D., Minana,B. and Kafatos,F.
  TITLE     Sequencing the X chromosome of Drosophila melanogaster
  JOURNAL   Unpublished
  REMARK    European Molecular Biology Laboratory, Meyerhofstrasse 1, D-69117,
            Heidelberg, Germany.
REFERENCE   2  (bases 1 to 75282)
  AUTHORS   Benos,P.
  TITLE     Direct Submission
  JOURNAL   Submitted (14-DEC-1999) European Drosophila Genome Sequencing
            Consortium
COMMENT     This is a 'working draft' sequence.  It currently
            consists of 72 contigs. The true order of the pieces is not known
            and their order in this sequence record is arbitrary. Gaps between
            the contigs are represented as runs of N, but the exact sizes of
            the gaps are unknown. This record will be updated with the finished
            sequence. 1      804: contig of 804 in length
            805      904: gap of unknown length
            905     1882: contig of 978 in length
            1883     1982: gap of unknown length
            1983     4952: contig of 2970 in length
            4953     5052: gap of unknown length
            5053     6633: contig of 1581 in length
            6634     6733: gap of unknown length
            6734     8520: contig of 1787 in length
            8521     8620: gap of unknown length
            8621     9212: contig of 592 in length
            9213     9312: gap of unknown length
            9313     9653: contig of 341 in length
            9654     9753: gap of unknown length
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9754    11358: contig of 1605 in length
11359    11458: gap of unknown length
11459    12422: contig of 964 in length
12423    12522: gap of unknown length
12523    13306: contig of 784 in length
13307    13406: gap of unknown length
13407    15370: contig of 1964 in length
15371    15470: gap of unknown length
15471    16914: contig of 1444 in length
16915    17014: gap of unknown length
17015    18427: contig of 1413 in length
18428    18527: gap of unknown length
18528    20997: contig of 2470 in length
20998    21097: gap of unknown length
21098    22297: contig of 1200 in length
22298    22397: gap of unknown length
22398    24535: contig of 2138 in length
24536    24635: gap of unknown length
24636    25450: contig of 815 in length
25451    25550: gap of unknown length
25551    26234: contig of 684 in length
26235    26334: gap of unknown length
26335    27118: contig of 784 in length
27119    27218: gap of unknown length
27219    27875: contig of 657 in length
27876    27975: gap of unknown length
27976    28615: contig of 640 in length
28616    28715: gap of unknown length
28716    29130: contig of 415 in length
29131    29230: gap of unknown length
29231    29761: contig of 531 in length
29762    29861: gap of unknown length
29862    31796: contig of 1935 in length
31797    31896: gap of unknown length
31897    32037: contig of 141 in length
32038    32137: gap of unknown length
32138    33021: contig of 884 in length
33022    33121: gap of unknown length
33122    33721: contig of 600 in length
33722    33821: gap of unknown length
33822    34150: contig of 329 in length
34151    34250: gap of unknown length
34251    34763: contig of 513 in length
34764    34863: gap of unknown length
34864    35139: contig of 276 in length
35140    35239: gap of unknown length
35240    35832: contig of 593 in length
35833    35932: gap of unknown length
35933    36220: contig of 288 in length
36221    36320: gap of unknown length
36321    37116: contig of 796 in length
37117    37216: gap of unknown length
37217    37642: contig of 426 in length
37643    37742: gap of unknown length
37743    38109: contig of 367 in length
38110    38209: gap of unknown length
38210    39513: contig of 1304 in length
39514    39613: gap of unknown length
39614    40045: contig of 432 in length
40046    40145: gap of unknown length
40146    40998: contig of 853 in length
40999    41098: gap of unknown length
41099    41490: contig of 392 in length
41491    41590: gap of unknown length
41591    43322: contig of 1732 in length
43323    43422: gap of unknown length
43423    44000: contig of 578 in length
44001    44100: gap of unknown length
44101    44815: contig of 715 in length
44816    44915: gap of unknown length
44916    45445: contig of 530 in length
45446    45545: gap of unknown length
45546    47856: contig of 2311 in length
47857    47956: gap of unknown length
47957    48830: contig of 874 in length
48831    48930: gap of unknown length
48931    49449: contig of 519 in length
49450    49549: gap of unknown length
49550    49978: contig of 429 in length
49979    50078: gap of unknown length
50079    50853: contig of 775 in length
50854    50953: gap of unknown length
50954    51481: contig of 528 in length
51482    51581: gap of unknown length
51582    51900: contig of 319 in length
51901    52000: gap of unknown length
52001    52172: contig of 172 in length
52173    52272: gap of unknown length
52273    52750: contig of 478 in length
52751    52850: gap of unknown length
52851    53511: contig of 661 in length
53512    53611: gap of unknown length
53612    54312: contig of 701 in length
54313    54412: gap of unknown length
54413    54764: contig of 352 in length
54765    54864: gap of unknown length
54865    55933: contig of 1069 in length
55934    56033: gap of unknown length
56034    57299: contig of 1266 in length
57300    57399: gap of unknown length
57400    58424: contig of 1025 in length
58425    58524: gap of unknown length
58525    60083: contig of 1559 in length
60084    60183: gap of unknown length
60184    61374: contig of 1191 in length
61375    61474: gap of unknown length
61475    62005: contig of 531 in length
62006    62105: gap of unknown length
62106    62659: contig of 554 in length
62660    62759: gap of unknown length
62760    63255: contig of 496 in length
63256    63355: gap of unknown length
63356    63909: contig of 554 in length
63910    64009: gap of unknown length
64010    66317: contig of 2308 in length
66318    66417: gap of unknown length
66418    67225: contig of 808 in length
67226    67325: gap of unknown length
67326    69889: contig of 2564 in length
69890    69989: gap of unknown length
69990    70539: contig of 550 in length
70540    70639: gap of unknown length
70640    71142: contig of 503 in length
71143    71242: gap of unknown length
71243    71792: contig of 550 in length
71793    71892: gap of unknown length
71893    74273: contig of 2381 in length
74274    74373: gap of unknown length
74374    75282: contig of 909 in length.
* NOTE: This is a 'working draft' sequence. It currently
* consists of 72 contigs. The true order of the pieces
* is not known and their order in this sequence record is
* arbitrary. Gaps between the contigs are represented as
* runs of N, but the exact sizes of the gaps are unknown.
* This record will be updated with the finished sequence
* as soon as it is available and the accession number will
* be preserved.
*        1      804: contig of 804 bp in length
*      805      904: gap of 100 bp
*      905     1882: contig of 978 bp in length
*     1883     1982: gap of 100 bp
*     1983     4952: contig of 2970 bp in length
*     4953     5052: gap of 100 bp
*     5053     6633: contig of 1581 bp in length
*     6634     6733: gap of 100 bp
*     6734     8520: contig of 1787 bp in length
```

```
            *     8521     8620: gap of 100 bp
            *     8621     9212: contig of 592 bp in length
            *     9213     9312: gap of 100 bp
            *     9313     9653: contig of 341 bp in length
            *     9654     9753: gap of 100 bp
            *     9754    11358: contig of 1605 bp in length
            *    11359    11458: gap of 100 bp
            *    11459    12422: contig of 964 bp in length
            *    12423    12522: gap of 100 bp
            *    12523    13306: contig of 784 bp in length
            *    13307    13406: gap of 100 bp
            *    13407    15370: contig of 1964 bp in length
            *    15371    15470: gap of 100 bp

  Query Match             83.2%;  Score 15.8;  DB 2;  Length 75282;
  Best Local Similarity   89.5%;  Pred. No. 2.7e+03;
  Matches   17;  Conservative    0;  Mismatches    2;  Indels    0;  Gaps    0;

Qy          1 CGGTATGCCCCGCGGATTG 19
              |||||||||| || |||||
Db      59370 CGGTATGCCCAGCAGATTG 59352


RESULT 26
AC141045/c
LOCUS       AC141045               114989 bp    DNA     linear   HTG 27-MAR-2003
DEFINITION  Rattus norvegicus clone CH230-415F9, *** SEQUENCING IN PROGRESS
            ***, 44 unordered pieces.
ACCESSION   AC141045
VERSION     AC141045.1  GI:28875904
KEYWORDS    HTG; HTGS_PHASE1.
SOURCE      Rattus norvegicus (Norway rat)
  ORGANISM  Rattus norvegicus
            Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
            Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae;
            Rattus.
REFERENCE   1  (bases 1 to 114989)
  AUTHORS   Muzny,D.Marie., Metzker,M.Lee., Abramzon,S., Adams,C., Alder,J.,
            Allen,C., Allen,H., Alsbrooks,S., Amin,A., Anguiano,D.,
            Anyalebechi,V., Aoyagi,A., Ayodeji,M., Baca,E., Baden,H.,
            Baldwin,D., Bandaranaike,D., Barber,M., Barnstead,M., Benahmed,F.,
            Biswalo,K., Blair,J., Blankenburg,K., Blyth,P., Brown,M.,
            Bryant,N., Buhay,C., Burch,P., Burrell,K., Calderon,E.,
            Cardenas,V., Carter,K., Cavazos,I., Ceasar,H., Center,A.,
            Chacko,J., Chavez,D., Chen,G., Chen,R., Chen,Y., Chen,Z., Chu,J.,
            Cleveland,C., Cockrell,R., Cox,C., Coyle,M., Cree,A., D'Souza,L.,
            Davila,M.L., Davis,C., Davy-Carroll,L., De Anda,C., Dederich,D.,
            Delgado,O., Denson,S., Deramo,C., Ding,Y., Dinh,H., Divya,K.,
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            Fernandez,S., Finley,M., Flagg,N., Forbes,L., Foster,M., Foster,P.,
            Fraser,C.M., Gabisi,A., Ganta,R., Garcia,A., Garner,T., Garza,M.,
            Gebregeorgis,E., Geer,K., Gill,R., Grady,M., Guerra,W., Guevara,W.,
            Gunaratne,P., Haaland,W., Hamil,C., Hamilton,C., Hamilton,K.,
            Harvey,Y., Havlak,P., Hawes,A., Henderson,N., Hernandez,J.,
            Hernandez,R., Hines,S., Hladun,S.L., Hodgson,A., Hogues,M.,
            Hollins,B., Howells,S., Hulyk,S., Hume,J., Idlebird,D., Jackson,A.,
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            Karpathy,S., Kelly,S., Kelly,S., Khan,Z., King,L., Kovar,C.,
            Kowis,C., Kraft,C.L., Lebow,H., Levan,J., Lewis,L., Li,Z., Liu,J.,
            Liu,J., Liu,W., Liu,Y., London,P., Longacre,S., Lopez,J.,
            Lorensuhewa,L., Loulseged,H., Lozado,R.J., Lu,X., Ma,J.,
            Maheshwari,M., Mahindartne,M., Mahmoud,M., Malloy,K., Mangum,A.,
            Mangum,B., Mapua,P., Martin,K., Martin,R., Martinez,E.,
            Mawhiney,S., Mcleod,M., Mcneill,T., Meenen,E., Milosavljevic,A.,
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            Morris,S., Munidasa,M., Murphy,M., Nair,L., Nankervis,C., Neal,D.,
            Newton,N., Nguyen,N., Norris,S., Nwaokelemeh,O., Okwuonu,G.,
            Olarnpunsagoon,A., Pal,S., Parks,K., Pasternak,S., Paul,H.,
            Perez,A., Perez,L., Pfannkoch,C., Plopper,F., Poindexter,A.,
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            Tingey,A., Trejos,Z., Usmani,K., Valas,R., Vera,V., Villasana,D.,
            Waldron,L., Walker,B., Wang,J., Wang,Q., Wang,S., Warren,J.,
            Warren,R., Wei,X., White,F., Williams,G., Willson,R., Wleczyk,R.,
            Wooden,H., Worley,K., Wright,D., Wright,R., Wu,J., Yakub,S.,
            Yen,J., Yoon,L., Yoon,V., Yu,F., Zhang,J., Zhou,J., Zhou,X.,
            Zhao,S., Dunn,D., von Niederhausern,A., Weiss,R., Smith,D.R.,
            Holt,R.A., Smith,H.O., Weinstock,G. and Gibbs,R.A.
  TITLE     Direct Submission
  JOURNAL   Unpublished
REFERENCE   2  (bases 1 to 114989)
  AUTHORS   Worley,K.C.
  TITLE     Direct Submission
  JOURNAL   Submitted (07-MAR-2003) Human Genome Sequencing Center, Department
            of Molecular and Human Genetics, Baylor College of Medicine, One
            Baylor Plaza, Houston, TX 77030, USA
REFERENCE   3  (bases 1 to 114989)
  AUTHORS   Worley,K.C.
  TITLE     Direct Submission
  JOURNAL   Submitted (27-MAR-2003) Human Genome Sequencing Center, Department
            of Molecular and Human Genetics, Baylor College of Medicine, One
            Baylor Plaza, Houston, TX 77030, USA
COMMENT     -------------- Genome Center
                Center: Baylor College of Medicine
                Center code: BCM
                Web site: http://www.hgsc.bcm.tmc.edu/
                Contact: hgsc-help@bcm.tmc.edu
            -------------- Project Information
                Center project name: GXIO
                Center clone name: CH230-415F9
            -------------- Summary Statistics
                Sequencing vector: Plasmid;
                Chemistry: Dye-terminator Big Dye: 100% of reads
                Assembly program: Phrap; version 0.990329
                Consensus quality: 79728 bases at least Q40
                Consensus quality: 87114 bases at least Q30
                Consensus quality: 92707 bases at least Q20
                Estimated insert size: 83322; sum-of-contigs estimation
                Quality coverage: 1x in Q20 bases; sum-of-contigs estimation
            --------------
            * NOTE: Estimated insert size may differ from sequence length
            *   (see http://www.hgsc.bcm.tmc.edu/docs/Genbank_draft_data.html).
            * NOTE: This is a 'working draft' sequence. It currently
            * consists of 44 contigs. The true order of the pieces
            * is not known and their order in this sequence record is
            * arbitrary. Gaps between the contigs are represented as
            * runs of N, but the exact sizes of the gaps are unknown.
            * This record will be updated with the finished sequence
            * as soon as it is available and the accession number will
            * be preserved.
            *        1     1528: contig of 1528 bp in length
            *     1529     1628: gap of unknown length
            *     1629     2865: contig of 1237 bp in length
            *     2866     2965: gap of unknown length
            *     2966     4498: contig of 1533 bp in length
            *     4499     4598: gap of unknown length
            *     4599     5765: contig of 1167 bp in length
            *     5766     5865: gap of unknown length
            *     5866     7286: contig of 1421 bp in length
            *     7287     7386: gap of unknown length
            *     7387     9058: contig of 1672 bp in length
            *     9059     9158: gap of unknown length
            *     9159    10258: contig of 1100 bp in length
            *    10259    10358: gap of unknown length
            *    10359    11726: contig of 1368 bp in length
            *    11727    11826: gap of unknown length
            *    11827    13324: contig of 1498 bp in length
            *    13325    13424: gap of unknown length
            *    13425    14489: contig of 1065 bp in length
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            *    14490    14589: gap of unknown length
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            *    16455    16554: gap of unknown length
            *    16555    17875: contig of 1321 bp in length
            *    17876    17975: gap of unknown length
            *    17976    19547: contig of 1572 bp in length
            *    19548    19647: gap of unknown length
            *    19648    21743: contig of 2096 bp in length
            *    21744    21843: gap of unknown length
            *    21844    23026: contig of 1183 bp in length
            *    23027    23126: gap of unknown length
            *    23127    26252: contig of 3126 bp in length
            *    26253    26352: gap of unknown length
            *    26353    28530: contig of 2178 bp in length
            *    28531    28630: gap of unknown length
            *    28631    29932: contig of 1302 bp in length
            *    29933    30032: gap of unknown length
            *    30033    32370: contig of 2338 bp in length
            *    32371    32470: gap of unknown length
            *    32471    34089: contig of 1619 bp in length
            *    34090    34189: gap of unknown length
            *    34190    36191: contig of 2002 bp in length
            *    36192    36291: gap of unknown length
            *    36292    38759: contig of 2468 bp in length
            *    38760    38859: gap of unknown length
            *    38860    40101: contig of 1242 bp in length
            *    40102    40201: gap of unknown length
            *    40202    42312: contig of 2111 bp in length
            *    42313    42412: gap of unknown length
            *    42413    44347: contig of 1935 bp in length
            *    44348    44447: gap of unknown length
            *    44448    47393: contig of 2946 bp in length
            *    47394    47493: gap of unknown length
            *    47494    50672: contig of 3179 bp in length
            *    50673    50772: gap of unknown length
            *    50773    53176: contig of 2404 bp in length
            *    53177    53276: gap of unknown length
            *    53277    55609: contig of 2333 bp in length
            *    55610    55709: gap of unknown length
            *    55710    58508: contig of 2799 bp in length
            *    58509    58608: gap of unknown length
            *    58609    61544: contig of 2936 bp in length
            *    61545    61644: gap of unknown length
            *    61645    64806: contig of 3162 bp in length
            *    64807    64906: gap of unknown length
            *    64907    67189: contig of 2283 bp in length
            *    67190    67289: gap of unknown length
            *    67290    69738: contig of 2449 bp in length
            *    69739    69838: gap of unknown length
            *    69839    72808: contig of 2970 bp in length
            *    72809    72908: gap of unknown length
            *    72909    75057: contig of 2149 bp in length
            *    75058    75157: gap of unknown length
            *    75158    79206: contig of 4049 bp in length
            *    79207    79306: gap of unknown length
            *    79307    83764: contig of 4458 bp in length
            *    83765    83864: gap of unknown length
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            *    88743    88842: gap of unknown length
            *    88843    93655: contig of 4813 bp in length
            *    93656    93755: gap of unknown length
            *    93756    99034: contig of 5279 bp in length
            *    99035    99134: gap of unknown length
            *    99135   104855: contig of 5721 bp in length
            *   104856   104955: gap of unknown length
            *   104956   109424: contig of 4469 bp in length
            *   109425   109524: gap of unknown length
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                     /organism="Rattus norvegicus"
                     /mol_type="genomic DNA"
                     /db_xref="taxon:10116"
                     /clone="CH230-415F9"
ORIGIN

  Query Match             83.2%;  Score 15.8;  DB 2;  Length 114989;
  Best Local Similarity   89.5%;  Pred. No. 2.6e+03;
  Matches   17;  Conservative    0;  Mismatches    2;  Indels    0;  Gaps    0;

Qy          1 CGGTATGCCCCGCGGATTG 19
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Db       7587 CGGTATTCGCCGCGGATTG 7569


RESULT 27
AC113337/c
LOCUS       AC113337               135876 bp    DNA     linear   PLN 04-SEP-2002
DEFINITION  Genomic sequence for Oryza sativa (japonica cultivar-group)
            cultivar Nipponbare clone OSJNBa0061H20, from chromosome 10,
            complete sequence.
ACCESSION   AC113337
VERSION     AC113337.2  GI:22711566
KEYWORDS    HTG.
SOURCE      Oryza sativa (japonica cultivar-group)
  ORGANISM  Oryza sativa (japonica cultivar-group)
            Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
            Spermatophyta; Magnoliophyta; Liliopsida; Poales; Poaceae;
            Ehrhartoideae; Oryzeae; Oryza.
REFERENCE   1  (bases 1 to 135876)
  AUTHORS   McCombie,W.R., de la Bastide,M., Spiegel,L., Preston,R.,
            Ferraro,K., Kuit,K., Nascimento,L., Zutavern,T., Balija,V.,
            Bell,M., Baker,J., Santos,L., Miller,B., Katzenberger,F.,
            Muller,S., King,L., Yang,C., Dike,S., O'Shaughnessy,A., Palmer,L.
            and Dedhia,N.
  TITLE     Genomic sequence for Oryza sativa, Nipponbare strain, clone
            OSJNBa0061H20, from chromosome 10, complete sequence
  JOURNAL   Unpublished
REFERENCE   2  (bases 1 to 135876)
  AUTHORS   McCombie,W.R.
  TITLE     Direct Submission
  JOURNAL   Submitted (01-MAR-2002) Lita Annenberg Hazen Genome Center, Cold
            Spring Harbor Laboratories, 1, Bungtown Road, Cold Spring Harbor,
            NY 11724, USA
REFERENCE   3  (bases 1 to 135876)
  AUTHORS   Palmer,L.E., Yu,M., de la Bastide,M., Spiegel,L., Preston,R.,
            Ferraro,K., Kuit,K., Nascimento,L., Zutavern,T., Balija,V.,
            Bell,M., Baker,J., Santos,L., Miller,B., Katzenberger,F.,
            Muller,S., King,L., Yang,C., Dike,S., O'Shaughnessy,A., Dedhia,N.
            and McCombie,W.R.
  TITLE     Direct Submission
  JOURNAL   Submitted (05-APR-2002) Lita Annenberg Hazen Genome Center, Cold
            Spring Harbor Laboratory, 1 Bungtown Road, Cold Spring Harbor, NY
            11724, USA
  REMARK    Genomic sequence for Oryza sativa (japonica cultivar-group)
            cultivar Nipponbare clone OSJNBa0061H20, from chromosome 10
REFERENCE   4  (bases 1 to 135876)
  AUTHORS   McCombie,W.R., de la Bastide,M. and Palmer,L.
  TITLE     Direct Submission
  JOURNAL   Submitted (04-SEP-2002) Genome Research Center, Cold Spring Harbor
            Laboratory, 500 Sunnyside Blvd, Woodbury, NY 11797, USA
COMMENT     On Sep 4, 2002 this sequence version replaced gi:19033430.
            This sequence was finished as follows unless otherwise noted: all
            regions were either double-stranded or sequenced with an alternate
            chemistry or covered by high quality data (i.e., phred quality >=
            30); an attempt was made to resolve all sequencing problems, such
            as compressions and repeats; all regions were covered by at least
            one plasmid subclone or more than one M13 subclone; and the
            assembly was confirmed by restriction digest.
            Clone OSJNBa0061H20 overlaps clone OSJNBa0011A24 from base 120764
            to base 135874.  The overlap is from base 1 to base 15106 on
            OSJNBa0011A24.
FEATURES             Location/Qualifiers
     source          1. .135876
                     /organism="Oryza sativa (japonica cultivar-group)"
                     /mol_type="genomic DNA"
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                     /cultivar="Nipponbare"
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repeat_region        1450. .1475
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repeat_region        2370. .2508
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                     Ty3-gypsy-like"
repeat_region        3738. .3765
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gene                 complement(6461. .7877)
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CDS                  complement(join(6461. .6646,6999. .7877))
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                     /note="Similar to  Cytochrome P450 76C3 E-value=1e-40
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                     FPAIAPADLQGVRRRMARLVKRMYAIIDEQIERRMHGRTAGEPRKNDLLDVMLEEGES
                     KEDSNEINRDAIRGLFTDLFTGGETTSHTMECAMAELLQCPNSMRRVHELKSVIGSKQ
                     QMDEHDITKLPYHHTRPKPR"
repeat_region        complement(6803. .6967)
                     /note="Similar to putative MITE, MITE-adh, type
                     K-like56630; Similar to putative retrotransposon,
                     Ty3-gypsy-like"
repeat_region        complement(7635. .7728)
                     /note="Simple_repeat (CCGCG)n"
repeat_region        8003. .8335
                     /note="Similar to putative MITE, Tourist-like"
repeat_region        8595. .8636
                     /note="Simple_repeat (TAG)n"
repeat_region        8966. .9049
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repeat_region        9078. .9123
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repeat_region        complement(9131. .9203)
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gene                 complement(13992. .15739)
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CDS                  complement(join(13992. .14224,14698. .14819,15642. .15739))
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                     E-value=2e-10 Identities=28/376 (of subject); Similar to
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gene                 17273. .18543
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                     KDTIEQATALGGLKATASSDVAPVPIDDVPSVVPAANAPVRSSPVMPAADAASAPGSS
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                     FAKVVHELPLAEGIGKTVLSFLCLALPRDPYVQLAIGKRERKRGGGKAGEGGRNGAPR
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repeat_region        complement(20363. .20549)
                     /note="Simple_repeat (CGG)n"

Query Match              83.2%;  Score 15.8;  DB 8;  Length 135876;
Best Local Similarity    89.5%;  Pred. No. 2.6e+03;
Matches   17;  Conservative    0;  Mismatches    2;  Indels    0;  Gaps    0;
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Qy          1 CGGTATGCCCCGCGGATTG 19
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Db      48537 CGGTATGCCCCACGGAATG 48519


RESULT 28
AC023691/c
LOCUS       AC023691               179892 bp    DNA     linear   INV 30-MAY-2002
DEFINITION  Drosophila melanogaster X BAC RP98-12H1 (Roswell Park Cancer
            Institute Drosophila BAC Library) complete sequence.
ACCESSION   AC023691
VERSION     AC023691.3  GI:18030094
KEYWORDS    HTG.
SOURCE      Drosophila melanogaster (fruit fly)
  ORGANISM  Drosophila melanogaster
            Eukaryota; Metazoa; Arthropoda; Hexapoda; Insecta; Pterygota;
            Neoptera; Endopterygota; Diptera; Brachycera; Muscomorpha;
            Ephydroidea; Drosophilidae; Drosophila.
REFERENCE   1  (bases 1 to 179892)
  AUTHORS   Muzny,D., Scherer,S., Adams,M.D., Holt,R.A., Evans,C.A.,
            Gocayne,J.D., Tabor,P., Williamson,A., Homsi,F.H.,
            Dugan-Rocha,S.D., Sodergren,E.S., Hodgson,A.H., Chen,R.C.,
            Ayele,M., Scott,G.S., Worley,K.W., Amamatides,P.G., Brandon,R.C.,
            Rogers,Y., An,H., Baldwin,D., Beeson,K.Y., Brown,M., Buhay,C.,
            Busam,D.A., Center,A., Chen,G., Chen,Z., Clerc-Blankenburg,K.,
            Davenport,L.B., Dietz,S.M., Ding,Y., Dodson,K., Doup,L.E.,
            Draper,H., Emery-Cohen,A., Ferriera,S., Garg,N.D.S., Houck,J.,
            Hostin,D., Howland,T.J., Hume,J., Ibegwam,C., Jalali,M., Kovar,C.,
            Liu,W., Mattei,B., McIntosh,T.C., Morgan,M., Moy,M., Murphy,B.,
            Nelson,K.A., Ndassa,Y., Nguyen,N., Perez,L., Pittman,G.S., Puri,V.,
            Scheeler,F., Shen,H., Strong,R., Tector,C., Wang,Q., Williams,S.M.,
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            Wheeler,D., Weinstock,G., Gibbs,R. and Venter,J.C.
  TITLE     Direct Submission
  JOURNAL   Unpublished
REFERENCE   2  (bases 1 to 179892)
  AUTHORS   Worley,K.C., Adams,C., Adio-Oduola,B., Ali-osman,F.R., Allen,C.,
            Alsbrooks,S.L., Amaratunge,H.C., Are,J.R., Banks,T., Barbaria,J.,
            Benton,J., Bimage,K., Blankenburg,K., Bonnin,D., Bouck,J.,
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            Burch,P., Burkett,C., Burrell,K.L., Byrd,N.C., Carron,T.F.,
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            Coyle,M.D., Dathorne,S.R., David,R., Davila,M.L., Davis,C.,
            Davy-Carroll,L., Dederich,D.A., Delaney,K.R., Delgado,O.,
            Denn,A.L., Ding,Y., Dinh,H.H., Douthwaite,K.J., Draper,H.,
            Dugan-Rocha,S., Durbin,K.J., Earnhart,C., Edgar,D., Edwards,C.C.,
            Elhaj,C., Escotto,M., Falls,T., Ferraguto,D., Flagg,N., Ford,J.,
            Foster,P., Frantz,P., Gabisi,A., Gao,J., Garcia,A., Garner,T.,
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            Hamilton,K., Harris,C., Harris,K., Hart,M., Havlak,P., Hawes,A.,
            Hernandez,J., Hernandez,O., Hodgson,A., Hogues,M., Holloway,C.,
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            Kovar,C., Kratovic,J., Kureshi,A., Landry,N., Leal,B., Lewis,L.C.,
            Lewis,L., Li,J., Li,Z., Lichtarge,O., Lieu,C., Liu,J., Liu,W.,
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            Ruiz,S., Savery,G., Scherer,S., Scott,G., Shen,H., Shooshtari,N.,
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            Tang,H., Tansey,J., Taylor,C., Taylor,T., Telfrod,B., Thomas,N.,
            Thomas,S., Usmani,K., Vasquez,L., Vera,V., Villalon,D., Vinson,R.,
            Wall,R., Wang,S., Ward-Moore,S., Warren,R., Washington,C.,
            Watlington,S., Williams,G., Williamson,A., Wleczyk,R., Wooden,S.,
            Wu,C., Wu,Y., Wu,Y.F., Zhou,J., Zorrilla,S., Nelson,D.,
            Weinstock,G. and Gibbs,R.
  TITLE     Direct Submission
  JOURNAL   Unpublished
REFERENCE   3  (bases 1 to 179892)
  AUTHORS   Worley,K.C.
  TITLE     Direct Submission
  JOURNAL   Submitted (17-FEB-2000) Human Genome Sequencing Center, Department
            of Molecular and Human Genetics, Baylor College of Medicine, One
            Baylor Plaza, Houston, TX 77030, USA
REFERENCE   4  (bases 1 to 179892)
  AUTHORS   Worley,K.C., Adams,C., Adio-Oduola,B., Ali-osman,F.R., Allen,C.,
            Alsbrooks,S.L., Amaratunge,H.C., Are,J.R., Banks,T., Barbaria,J.,
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            Wall,R., Wang,S., Ward-Moore,S., Warren,R., Washington,C.,
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            Worley,K., Wu,C., Wu,Y., Wu,Y.F., Zhou,J., Zorrilla,S., Nelson,D.,
            Weinstock,G. and Gibbs,R.
  TITLE     Direct Submission
  JOURNAL   Submitted (01-JAN-2002) Human Genome Sequencing Center, Department
            of Molecular and Human Genetics, Baylor College of Medicine, One
            Baylor Plaza, Houston, TX 77030, USA
REFERENCE   5  (bases 1 to 179892)
  AUTHORS   BCM-HGSC.
  TITLE     Direct Submission
  JOURNAL   Submitted (20-MAY-2002) Human Genome Sequencing Center, Department
            of Molecular and Human Genetics, Baylor College of Medicine, One
            Baylor Plaza, Houston, TX 77030, USA
REFERENCE   6  (bases 1 to 179892)
  AUTHORS   BCM-HGSC.
  TITLE     Direct Submission
  JOURNAL   Submitted (30-MAY-2002) Human Genome Sequencing Center, Department
            of Molecular and Human Genetics, Baylor College of Medicine, One
            Baylor Plaza, Houston, TX 77030, USA
COMMENT     On Jan 1, 2002 this sequence version replaced gi:6997261.
            INFORMATION: http://www.hgsc.bcm.tmc.edu/ or email
            gc-help@bcm.tmc.edu

            CLONE LENGTH: This sequence does not necessarily represent the
            entire insert of this clone. Overlapping regions of clones are only
            sequenced and submitted once, so the sequence for the remainder of
```

the insert may be found in the record for the adjacent clones. Overlapping clones are noted at the beginning and end of the Features listing.

ANNOTATION OF FEATURES:
STSs are identified using ePCR (Genome Res. 7:541-550) searches of a local database that includes entries from dbSTS, GDB, and local mapping efforts.
Repeats are identified using RepeatMasker (A. Smit and P. Green, unpublished.) for Human and Mouse sequences.
Genes and Region of sequence similarity are identified by BLAST (Nuc. Acids Res. 25:3389-3402) similarity (expect < 1e-34) to the EST and cDNA sequences. Genes demonstrate at least two exons flanked by consensus splice sites that maintained sequence continuity across the splice junctions. Sequences that are not identical matches are annotated as similar.

SEQUENCING READ COVERAGE:Sequencing is completed to a minimum standard of double strand coverage with a minimum of 2 clones and 2 reads with no ambiguities or 2 chemistries with a minimum of 2 clones and 3 reads with no ambiguities. If the sequence quality for a region does not meet this standard, it will be indicated in the annotation as Low Coverage.

QUALITY OF INDIVIDUAL BASES:This sequence meets stringent quality standards - estimated error rate less than 1 per 10,000 bases. Reports of lowest quality individual bases and measures of base quality are listed below. Description of the metrics can be found at URL:
http://gc.bcm.tmc.edu:8088/quality.info/genbank.annotation.html.

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ORIGIN

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  Best Local Similarity   89.5%;  Pred. No. 2.5e+03;
  Matches   17;  Conservative    0;  Mismatches    2;  Indels    0;  Gaps    0;

Qy          1 CGGTATGCCCCGCGGATTG 19
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Db      26922 CGGTATGCCCAGCAGATTG 26904


RESULT 29
AC023717
LOCUS       AC023717               228802 bp    DNA     linear   HTG 23-JUL-2002
DEFINITION  Drosophila melanogaster chromosome X clone RP98-46E23, WORKING
            DRAFT SEQUENCE, 9 unordered pieces.
ACCESSION   AC023717
VERSION     AC023717.3  GI:21930215
KEYWORDS    HTG; HTGS_PHASE1; HTGS_DRAFT; HTGS_ACTIVEFIN.
SOURCE      Drosophila melanogaster (fruit fly)
  ORGANISM  Drosophila melanogaster
            Eukaryota; Metazoa; Arthropoda; Hexapoda; Insecta; Pterygota;
            Neoptera; Endopterygota; Diptera; Brachycera; Muscomorpha;
            Ephydroidea; Drosophilidae; Drosophila.
REFERENCE   1  (bases 1 to 228802)
  AUTHORS   Muzny,D.M., Adams,C., Adio-Oduola,B., Ali-osman,F.R., Allen,C.,
            Alsbrooks,S.L., Amaratunge,H.C., Are,J.R., Ayele,M., Banks,T.,
            Barbaria,J., Benton,J., Bimage,K., Blankenburg,K., Bonnin,D.,
            Bouck,J., Bowie,S., Brieva,M., Brown,E., Brown,M., Bryant,N.P.,
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            Davila,M.L., Davis,C., Davy-Carroll,L., Dederich,D.A.,
            Delaney,K.R., Delgado,O., Denn,A.L., Ding,Y., Dinh,H.H.,
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            Li,J., Li,Z., Lichtarge,O., Lieu,C., Liu,J., Liu,W., Loulseged,H.,
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            Massey,E., Mawhiney,E., McLeod,M.P., Meador,M., Mei,G., Metzker,M.,
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            Usmani,K., Vasquez,L., Vera,V., Villalon,D., Vinson,R., Wang,Q.,
            Wang,S., Ward-Moore,S., Warren,R., Washington,C., Watlington,S.,
            Williams,G., Williamson,A., Wleczyk,R., Wooden,S., Worley,K.,
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            Weinstock,G. and Gibbs,R.
  TITLE     Direct Submission
  JOURNAL   Unpublished
REFERENCE   2  (bases 1 to 228802)
  AUTHORS   Worley,K.C.
  TITLE     Direct Submission
  JOURNAL   Submitted (17-FEB-2000) Human Genome Sequencing Center, Department
            of Molecular and Human Genetics, Baylor College of Medicine, One
            Baylor Plaza, Houston, TX 77030, USA
REFERENCE   3  (bases 1 to 228802)
  AUTHORS   Worley,K.C.
  TITLE     Direct Submission
  JOURNAL   Submitted (23-JUL-2002) Human Genome Sequencing Center, Department
            of Molecular and Human Genetics, Baylor College of Medicine, One
            Baylor Plaza, Houston, TX 77030, USA
COMMENT     On Jul 23, 2002 this sequence version replaced gi:6997287.
            -------------- Genome Center
                Center: Baylor College of Medicine
                Center code: BCM
                Web site: http://www.hgsc.bcm.tmc.edu/
                Contact: hgsc-help@bcm.tmc.edu
            -------------- Project Information
                Center project name: DRJG
                Center clone name: RP98-46E23
            -------------- Summary Statistics
                Sequencing vector: Plasmid;
                Sequencing vector: M13;
                Chemistry: Dye-terminator Big Dye: 100% of reads
                Assembly program: Phrap; version 0.990329
                Consensus quality: 254374 bases at least Q40
                Consensus quality: 258931 bases at least Q30
                Consensus quality: 271567 bases at least Q20
                Estimated insert size: 222216; sum-of-contigs estimation
                Quality coverage: 6x in Q20 bases; sum-of-contigs estimation
            --------------
            * NOTE: Estimated insert size may differ from sequence length
            *   (see http://www.hgsc.bcm.tmc.edu/docs/Genbank_draft_data.html).
            * NOTE: This is a 'working draft' sequence. It currently
            * consists of 9 contigs. The true order of the pieces
            * is not known and their order in this sequence record is
            * arbitrary. Gaps between the contigs are represented as
            * runs of N, but the exact sizes of the gaps are unknown.
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            * This record will be updated with the finished sequence
            * as soon as it is available and the accession number will
            * be preserved.
            *        1     9673: contig of 9673 bp in length
            *     9674     9773: gap of unknown length
            *     9774    12080: contig of 2307 bp in length
            *    12081    12180: gap of unknown length
            *    12181    14308: contig of 2128 bp in length
            *    14309    14408: gap of unknown length
            *    14409    17229: contig of 2821 bp in length
            *    17230    17329: gap of unknown length
            *    17330    20215: contig of 2886 bp in length
            *    20216    20315: gap of unknown length
            *    20316    33623: contig of 13308 bp in length
            *    33624    33723: gap of unknown length
            *    33724    47696: contig of 13973 bp in length
            *    47697    47796: gap of unknown length
            *    47797    95023: contig of 47227 bp in length
            *    95024    95123: gap of unknown length
            *    95124   228802: contig of 133679 bp in length.
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                     /chromosome="X"
                     /clone="RP98-46E23"
ORIGIN

  Query Match             83.2%;  Score 15.8;  DB 2;  Length 228802;
  Best Local Similarity   89.5%;  Pred. No. 2.4e+03;
  Matches   17;  Conservative    0;  Mismatches    2;  Indels    0;  Gaps    0;

Qy          1 CGGTATGCCCCGCGGATTG 19
              |||||||||| || |||||
Db     121617 CGGTATGCCCAGCAGATTG 121635


RESULT 30
AP006573
LOCUS       AP006573               300700 bp    DNA     linear   BCT 18-OCT-2003
DEFINITION  Gloeobacter violaceus PCC 7421 DNA, complete genome, section 6/16.
ACCESSION   AP006573 BA000045
VERSION     AP006573.1  GI:35211961
KEYWORDS    .
SOURCE      Gloeobacter violaceus PCC 7421
  ORGANISM  Gloeobacter violaceus PCC 7421
            Bacteria; Cyanobacteria; Chroococcales; Gloeobacter.
REFERENCE   1
  AUTHORS   Nakamura,Y., Kaneko,T., Sato,S., Mimuro,M., Miyashita,H.,
            Tsuchiya,T., Sasamoto,S., Watanabe,A., Kawashima,K., Kishida,Y.,
            Kiyokawa,C., Kohara,M., Matsumoto,M., Matsuno,A., Nakazaki,N.,
            Shimpo,S., Takeuchi,C., Yamada,M. and Tabata,S.
  TITLE     Complete genome structure of Gloeobacter violaceus PCC 7421, a
            cyanobacterium that lacks thylakoids
  JOURNAL   DNA Res. 10, 137-145 (2003)
REFERENCE   2
  AUTHORS   Nakamura,Y., Kaneko,T., Sato,S., Mimuro,M., Miyashita,H.,
            Tsuchiya,T., Sasamoto,S., Watanabe,A., Kawashima,K., Kishida,Y.,
            Kiyokawa,C., Kohara,M., Matsumoto,M., Matsuno,A., Nakazaki,N.,
            Shimpo,S., Takeuchi,C., Yamada,M. and Tabata,S.
  TITLE     Complete genome structure of Gloeobacter violaceus PCC 7421, a
            cyanobacterium that lacks thylakoids (supplement)
  JOURNAL   DNA Res. 10, 181-201 (2003)
REFERENCE   3  (bases 1 to 300700)
  AUTHORS   Kaneko,T.
  TITLE     Direct Submission
  JOURNAL   Submitted (15-AUG-2003) Takakazu Kaneko, Kazusa DNA Research
            Institute, The First Laboratory for Plant Gene Research; 2-6-7
            Kazusa-kamatari, Kisarazu, Chiba 292-0818, Japan
            (E-mail:kaneko@kazusa.or.jp, URL:http://www.kazusa.or.jp/cyano/,
            Tel:81-438-52-3935(ex.2338), Fax:81-438-52-3934)
FEATURES             Location/Qualifiers
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                AIIVPEVVLGIALLIWFSQLGIAAGLVTVATGHVVLCTPFVALTVRARLSGYDRTLEE
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  Best Local Similarity   89.5%;  Pred. No. 2.3e+03;
  Matches   17;  Conservative    0;  Mismatches    2;  Indels    0;  Gaps    0;

Qy          1 CGGTATGCCCCGCGGATTG 19
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Db      40088 CGGTTTGCCCCGGGGATTG 40106


RESULT 31
AE017063/c
LOCUS       AE017063               306067 bp    DNA     linear   PLN 06-JUN-2003
DEFINITION  Oryza sativa (japonica cultivar-group) chromosome 10, section 17 of
            77 of the complete sequence.
ACCESSION   AE017063 AE016959
VERSION     AE017063.1  GI:31430446
KEYWORDS    .
SOURCE      Oryza sativa (japonica cultivar-group)
  ORGANISM  Oryza sativa (japonica cultivar-group)
            Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
            Spermatophyta; Magnoliophyta; Liliopsida; Poales; Poaceae;
            Ehrhartoideae; Oryzeae; Oryza.
REFERENCE   1  (bases 1 to 306067)
  AUTHORS   .
  CONSRTM   The Rice Chromosome 10 Sequencing Consortium
  TITLE     In-depth view of structure, activity, and evolution of rice
            chromosome 10
  JOURNAL   Science 300, 1566-1569 (2003)
REFERENCE   2  (bases 1 to 306067)
  AUTHORS   Buell,C.R., Wing,R.A., McCombie,W.R., Messing,J. and Yuan,Q.
  TITLE     Direct Submission
  JOURNAL   Submitted (05-MAY-2003) The Institute for Genomic Research, 9712
            Medical Center Dr, Rockville, MD 20850, USA
COMMENT     This is the pseudomolecule for rice chromosome 10, which was
            constructed by resolving discrepancies between overlapping BACs,
            trimming the overlap regions, and linking the unique sequences to
            form a contigous sequence. Genes in individual BAC clone were
            identified by a combination of several methods: Gene prediction
            programs, searches of the complete sequence against a peptide
            database and EST databases. Genes with similarity to other proteins
            are named after the database hits. Genes without significant
            peptide similarity but with EST similarity are named as unknown
            proteins. Genes without protein or EST similarity, that are
            predicted by more than two gene prediction programs over most of
            their length are annotated as hypothetical proteins. Genes
            encoding tRNAs are predicted by tRNAscan-SE (Sean Eddy,
            http://genome.wustl.edu/eddy/tRNAscan-SE/).
FEATURES             Location/Qualifiers
     source          1. .306067
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     gene            <8040. .>11514
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                /note="Similar to  RETROTRANSPOSABLE ELEMENT TF2 155 KDA
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                Integrase core domain e value 6 1e 36; Co"
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Qy          1 CGGTATGCCCCGCGGATTG 19
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Db      13317 CGGTATGCCCCACGGAATG 13299


RESULT 32
AE003487/c
LOCUS       AE003487               308317 bp    DNA     linear   INV 15-MAR-2004
DEFINITION  Drosophila melanogaster chromosome X, section 39 of 74 of the
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ACCESSION   AE003487 AE002593 AE014298
VERSION     AE003487.2  GI:22832100
KEYWORDS    .
SOURCE      Drosophila melanogaster (fruit fly)
  ORGANISM  Drosophila melanogaster
            Eukaryota; Metazoa; Arthropoda; Hexapoda; Insecta; Pterygota;
            Neoptera; Endopterygota; Diptera; Brachycera; Muscomorpha;
            Ephydroidea; Drosophilidae; Drosophila.
REFERENCE   1  (bases 1 to 308317)
  AUTHORS   Adams,M.D., Celniker,S.E., Holt,R.A., Evans,C.A., Gocayne,J.D.,
            Amanatides,P.G., Scherer,S.E., Li,P.W., Hoskins,R.A., Galle,R.F.,
            George,R.A., Lewis,S.E., Richards,S., Ashburner,M., Henderson,S.N.,
            Sutton,G.G., Wortman,J.R., Yandell,M.D., Zhang,Q., Chen,L.X.,
            Brandon,R.C., Rogers,Y.H., Blazej,R.G., Champe,M., Pfeiffer,B.D.,
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            Ballew,R.M., Basu,A., Baxendale,J., Bayraktaroglu,L., Beasley,E.M.,
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            Burtis,K.C., Busam,D.A., Butler,H., Cadieu,E., Center,A.,
            Chandra,I., Cherry,J.M., Cawley,S., Dahlke,C., Davenport,L.B.,
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            Dietz,S.M., Dodson,K., Doup,L.E., Downes,M., Dugan-Rocha,S.,
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            Gelbart,W.M., Glasser,K., Glodek,A., Gong,F., Gorrell,J.H., Gu,Z.,
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            Muzny,D.M., Nelson,D.L., Nelson,D.R., Nelson,K.A., Nixon,K.,
            Nusskern,D.R., Pacleb,J.M., Palazzolo,M., Pittman,G.S., Pan,S.,
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            Simpson,M., Skupski,M.P., Smith,T., Spier,E., Spradling,A.C.,
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            Gibbs,R.A., Myers,E.W., Rubin,G.M. and Venter,J.C.
  TITLE     The genome sequence of Drosophila melanogaster
  JOURNAL   Science 287 (5461), 2185-2195 (2000)
  MEDLINE   20196006
   PUBMED   10731132
REFERENCE   2  (bases 1 to 308317)
  AUTHORS   Celniker,S.E., Wheeler,D.A., Kronmiller,B., Carlson,J.W.,
            Halpern,A., Patel,S., Adams,M., Champe,M., Dugan,S.P., Frise,E.,
            Hodgson,A., George,R.A., Hoskins,R.A., Laverty,T., Muzny,D.M.,
            Nelson,C.R., Pacleb,J.M., Park,S., Pfeiffer,B.D., Richards,S.,
            Sodergren,E.J., Svirskas,R., Tabor,P.E., Wan,K., Stapleton,M.,
            Sutton,G.G., Venter,C., Weinstock,G., Scherer,S.E., Myers,E.W.,
            Gibbs,R.A. and Rubin,G.M.
  TITLE     Finishing a whole-genome shotgun: release 3 of the Drosophila
            melanogaster euchromatic genome sequence
  JOURNAL   Genome Biol. 3 (12), RESEARCH0079 (2002)
  MEDLINE   22426065
   PUBMED   12537568
REFERENCE   3  (bases 1 to 308317)
  AUTHORS   Misra,S., Crosby,M.A., Mungall,C.J., Matthews,B.B., Campbell,K.S.,
            Hradecky,P., Huang,Y., Kaminker,J.S., Millburn,G.H., Prochnik,S.E.,
            Smith,C.D., Tupy,J.L., Whitfied,E.J., Bayraktaroglu,L.,
            Berman,B.P., Bettencourt,B.R., Celniker,S.E., de Grey,A.D.,
            Drysdale,R.A., Harris,N.L., Richter,J., Russo,S., Schroeder,A.J.,
            Shu,S.Q., Stapleton,M., Yamada,C., Ashburner,M., Gelbart,W.M.,
            Rubin,G.M. and Lewis,S.E.
  TITLE     Annotation of the Drosophila melanogaster euchromatic genome: a
            systematic review
  JOURNAL   Genome Biol. 3 (12), RESEARCH0083 (2002)
  MEDLINE   22426069
   PUBMED   12537572
REFERENCE   4  (bases 1 to 308317)
  AUTHORS   Kaminker,J.S., Bergman,C.M., Kronmiller,B., Carlson,J.,
            Svirskas,R., Patel,S., Frise,E., Wheeler,D.A., Lewis,S.E.,
            Rubin,G.M., Ashburner,M. and Celniker,S.E.
  TITLE     The transposable elements of the Drosophila melanogaster
            euchromatin: a genomics perspective
  JOURNAL   Genome Biol. 3 (12), RESEARCH0084 (2002)
  MEDLINE   22426070
   PUBMED   12537573
REFERENCE   5  (bases 1 to 308317)
  AUTHORS   Adams,M.D., Celniker,S.E., Gibbs,R.A., Rubin,G.M. and Venter,C.J.
  TITLE     Direct Submission
  JOURNAL   Submitted (21-MAR-2000) Celera Genomics, 45 West Gude Drive,
            Rockville, MD 20850, USA
REFERENCE   6  (bases 1 to 308317)
  AUTHORS   .
  CONSRTM   FlyBase
  TITLE     Direct Submission
  JOURNAL   Submitted (06-SEP-2002) University of California Berkeley, 539 Life
            Sciences Addition, Berkeley, CA 94720, USA
REFERENCE   7  (bases 1 to 308317)
  AUTHORS   .
  CONSRTM   FlyBase
  TITLE     Direct Submission
  JOURNAL   Submitted (10-MAR-2004) FlyBase, Harvard University, Biological
            Laboratories, 16 Divinity Avenue, Cambridge, MA 02138, USA
COMMENT     On Sep 13, 2002 this sequence version replaced gi:7292680.
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  Query Match             83.2%;  Score 15.8;  DB 3;  Length 308317;
  Best Local Similarity   89.5%;  Pred. No. 2.3e+03;
  Matches   17;  Conservative    0;  Mismatches    2;  Indels    0;  Gaps    0;

Qy          1 CGGTATGCCCCGCGGATTG 19
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Db     154363 CGGTATGCCCAGCAGATTG 154345


RESULT 33
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LOCUS       AC079737               325069 bp    DNA     linear   HTG 19-AUG-2002
DEFINITION  Homo sapiens chromosome 3 clone RP11-238N18, WORKING DRAFT
            SEQUENCE, 44 unordered pieces.
ACCESSION   AC079737
VERSION     AC079737.18  GI:22208882
KEYWORDS    HTG; HTGS_PHASE1; HTGS_DRAFT; HTGS_ACTIVEFIN.
SOURCE      Homo sapiens (human)
  ORGANISM  Homo sapiens
            Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
            Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE   1  (bases 1 to 325069)
  AUTHORS   Muzny,D.M., Adams,C., Adio-Oduola,B., Ali-osman,F.R., Allen,C.,
            Alsbrooks,S.L., Amaratunge,H.C., Are,J.R., Ayele,M., Banks,T.,
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            Davila,M.L., Davis,C., Davy-Carroll,L., Dederich,D.A.,
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            Wang,S., Ward-Moore,S., Warren,R., Washington,C., Watlington,S.,
            Williams,G., Williamson,A., Wleczyk,R., Wooden,S., Worley,K.,
            Wu,C., Wu,Y., Wu,Y.F., Zhou,J., Zorrilla,S., Nelson,D.,
            Weinstock,G. and Gibbs,R.
  TITLE     Direct Submission
  JOURNAL   Unpublished
REFERENCE   2  (bases 1 to 325069)
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  AUTHORS   Worley,K.C.
  TITLE     Direct Submission
  JOURNAL   Submitted (10-SEP-2000) Human Genome Sequencing Center, Department
            of Molecular and Human Genetics, Baylor College of Medicine, One
            Baylor Plaza, Houston, TX 77030, USA
REFERENCE   3  (bases 1 to 325069)
  AUTHORS   Worley,K.C.
  TITLE     Direct Submission
  JOURNAL   Submitted (19-AUG-2002) Human Genome Sequencing Center, Department
            of Molecular and Human Genetics, Baylor College of Medicine, One
            Baylor Plaza, Houston, TX 77030, USA
COMMENT     On Aug 12, 2002 this sequence version replaced gi:22203851.
            -------------- Genome Center
                Center: Baylor College of Medicine
                Center code: BCM
                Web site: http://www.hgsc.bcm.tmc.edu/
                Drafting Center Code: BCM
                Contact: hgsc-help@bcm.tmc.edu
            -------------- Project Information
                Center project name: HBMW
                Center clone name: RP11-238N18
            -------------- Summary Statistics
                Sequencing vector: Plasmid;
                Sequencing vector: M13;
                Chemistry: Dye-terminator Big Dye: 100% of reads
                Assembly program: Phrap; version 0.990329
                Consensus quality: 337507 bases at least Q40
                Consensus quality: 348039 bases at least Q30
                Consensus quality: 356589 bases at least Q20
                Estimated insert size: 296681; sum-of-contigs estimation
                Quality coverage: 4x in Q20 bases; sum-of-contigs estimation
            --------------
            * NOTE: Estimated insert size may differ from sequence length
            *   (see http://www.hgsc.bcm.tmc.edu/docs/Genbank_draft_data.html)
            * NOTE: This sequence may represent more than one clone.
            * NOTE: This is a 'working draft' sequence. It currently
            * consists of 44 contigs. The true order of the pieces
            * is not known and their order in this sequence record is
            * arbitrary. Gaps between the contigs are represented as
            * runs of N, but the exact sizes of the gaps are unknown.
            * This record will be updated with the finished sequence
            * as soon as it is available and the accession number will
            * be preserved.
            *        1     2152: contig of 2152 bp in length
            *     2153     2252: gap of unknown length
            *     2253     4258: contig of 2006 bp in length
            *     4259     4358: gap of unknown length
            *     4359     6411: contig of 2053 bp in length
            *     6412     6511: gap of unknown length
            *     6512     8661: contig of 2150 bp in length
            *     8662     8761: gap of unknown length
            *     8762    11170: contig of 2409 bp in length
            *    11171    11270: gap of unknown length
            *    11271    13312: contig of 2042 bp in length
            *    13313    13412: gap of unknown length
            *    13413    16522: contig of 3110 bp in length
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            *    16623    19568: contig of 2946 bp in length
            *    19569    19668: gap of unknown length
            *    19669    22712: contig of 3044 bp in length
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            *    22813    24848: contig of 2036 bp in length
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            *    33102    33201: gap of unknown length
            *    33202    35514: contig of 2313 bp in length
            *    35515    35614: gap of unknown length
            *    35615    38694: contig of 3080 bp in length
            *    38695    38794: gap of unknown length
            *    38795    41624: contig of 2830 bp in length
            *    41625    41724: gap of unknown length
            *    41725    44453: contig of 2729 bp in length
            *    44454    44553: gap of unknown length
            *    44554    48153: contig of 3600 bp in length
            *    48154    48253: gap of unknown length
            *    48254    51286: contig of 3033 bp in length
            *    51287    51386: gap of unknown length
            *    51387    55165: contig of 3779 bp in length
            *    55166    55265: gap of unknown length
            *    55266    58872: contig of 3607 bp in length
            *    58873    58972: gap of unknown length
            *    58973    61922: contig of 2950 bp in length
            *    61923    62022: gap of unknown length
            *    62023    66270: contig of 4248 bp in length
            *    66271    66370: gap of unknown length
            *    66371    69522: contig of 3152 bp in length
            *    69523    69622: gap of unknown length
            *    69623    73639: contig of 4017 bp in length
            *    73640    73739: gap of unknown length
            *    73740    77327: contig of 3588 bp in length
            *    77328    77427: gap of unknown length
            *    77428    82314: contig of 4887 bp in length
            *    82315    82414: gap of unknown length
            *    82415    87201: contig of 4787 bp in length
            *    87202    87301: gap of unknown length
            *    87302    91805: contig of 4504 bp in length
            *    91806    91905: gap of unknown length
            *    91906    95874: contig of 3969 bp in length
            *    95875    95974: gap of unknown length
            *    95975    99290: contig of 3316 bp in length
            *    99291    99390: gap of unknown length
            *    99391   103818: contig of 4428 bp in length
            *   103819   103918: gap of unknown length
            *   103919   110469: contig of 6551 bp in length
            *   110470   110569: gap of unknown length
            *   110570   116131: contig of 5562 bp in length
            *   116132   116231: gap of unknown length
            *   116232   121759: contig of 5528 bp in length
            *   121760   121859: gap of unknown length
            *   121860   126565: contig of 4706 bp in length
            *   126566   126665: gap of unknown length
            *   126666   132200: contig of 5535 bp in length
            *   132201   132300: gap of unknown length
            *   132301   138478: contig of 6178 bp in length
            *   138479   138578: gap of unknown length
            *   138579   146600: contig of 8022 bp in length
            *   146601   146700: gap of unknown length
            *   146701   155296: contig of 8596 bp in length
            *   155297   155396: gap of unknown length
            *   155397   162649: contig of 7253 bp in length
            *   162650   162749: gap of unknown length
            *   162750   173217: contig of 10468 bp in length
            *   173218   173317: gap of unknown length
            *   173318   180347: contig of 7030 bp in length
            *   180348   180447: gap of unknown length
            *   180448   325069: contig of 144622 bp in length.
FEATURES             Location/Qualifiers
     source          1. .325069
                     /organism="Homo sapiens"
                     /mol_type="genomic DNA"
                     /db_xref="taxon:9606"
                     /chromosome="3"
                     /clone="RP11-238N18"
ORIGIN

  Query Match             83.2%;  Score 15.8;  DB 2;  Length 325069;
  Best Local Similarity   89.5%;  Pred. No. 2.3e+03;
  Matches   17;  Conservative    0;  Mismatches    2;  Indels    0;  Gaps    0;

Qy          1 CGGTATGCCCCGCGGATTG 19
              |||||||||| || |||||
Db     115616 CGGTATGCCCAGCAGATTG 115634
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RESULT 34
BX571660
LOCUS       BX571660               349926 bp    DNA     linear   BCT 08-SEP-2003
DEFINITION  Wolinella succinogenes, complete genome; segment 4/7.
ACCESSION   BX571660 BX571656
VERSION     BX571660.1  GI:34483186
KEYWORDS    complete genome.
SOURCE      Wolinella succinogenes
  ORGANISM  Wolinella succinogenes
            Bacteria; Proteobacteria; Epsilonproteobacteria; Campylobacterales;
            Helicobacteraceae; Wolinella.
REFERENCE   1
  AUTHORS   Schuster,S.C., Baar,C., Eppinger,M., Raddatz,G., Simon,J.M.,
            Lanz,C., Klimmek,O., Nandakumar,R., Gross,R., Rosinus,A.,
            Keller,H., Jagtap,P., Linke,B., Meyer,F. and Lederer,H.
  TITLE     Complete genome sequence and analysis of Wolinella succinogenes
  JOURNAL   Unpublished
REFERENCE   2
  AUTHORS   Schuster,S.C.
  TITLE     Direct Submission
  JOURNAL   Submitted (15-MAY-2003) Max-Plank Institut for Developmental
            Biology, Spemannstr. 35, 72076 Tuebingen, GERMANY
FEATURES             Location/Qualifiers
     source          1. .349926
                     /organism="Wolinella succinogenes"
                     /mol_type="genomic DNA"
                     /strain="DSMZ 1740"
                     /db_xref="taxon:844"
     gene            complement(716. .2527)
                     /locus_tag="WS1091"
     CDS             complement(716. .2527)
                     /locus_tag="WS1091"
                     /note="CONJUGAL TRANSFER PROTEIN TRAG"
                     /codon_start=1
                     /transl_table=11
                     /product="CONJUGAL TRANSFER PROTEIN (TRAG)"
                     /protein_id="CAE10185.1"
                     /db_xref="GI:34483187"
                     /translation="MIFQKLGNHFIIVIFGMSLLLLIVSSIRAFVSSKNRFELATKDI
                     LKALFKRLSFVLLGAILAIPLFAISLSIYFEIPLLDTPIKIQKLIESIDSTNISKLRN
                     EFWLCVAWALTPLSLALLYLFTPAKSTAYGRARWAEKSDIQKMGLNCERGFILARAWG
                     KKIKYDTPLSTLVIAPPGTGKTSAIIIPNLLSIPNSQVVIDVKGEICSLTAGYRQKKL
                     LNQVFIFNPFGEDSNFHFNPFNLERMSKLGFAEKTAIVRQVGSTIFPKPKDEKDSHWR
                     ETAKTFFEFAAMHNIEKYGYTTLYEIYRFPKKDWTDELEDKYFDEKEKREELGEEVNT
                     FRLLLRQIAENETLHDNIRDDARRFLGTPANEFGSVLSTFSTKMSIFGDLRVKELTDQ
                     NSFMPERLREDNITLYIKCLEKDIPSLSPIIRILLETIVKELMSRESTDPKERIYLEL
                     DEVMRFGELDFMIELPSISRSYNLPNIFAAQSYAQIRKHYSQEDLEIMLDTVAYQVVF
                     RANRQQAAEDISKEVGDFTAHKKTTSSQDIKILQSYSTSEEAKRLVTAQDILNIPKDK
                     VLILATGHKATPILAQANFYFKDRTERQKTKIKKENK"
     gene            complement(2880. .3791)
                     /gene="VIRB11"
                     /locus_tag="WS1092"
     CDS             complement(2880. .3791)
                     /gene="VIRB11"
                     /locus_tag="WS1092"
                     /codon_start=1
                     /transl_table=11
                     /product="VIRB11"
                     /protein_id="CAE10186.1"
                     /db_xref="GI:34483188"
                     /translation="MTKVLQNLLKTLEEYLTADGVNEVVINRERVWLDKGGGWHGPI
                     FDARLTTKFLKDFCIELANSREMRFNEDFCSLSCAIPQTRYRVQALHSVILRDSDIAL
                     SIRVPNSNIFPIENFLISPNIKTTHDDLKRLISERKNVLISGGTGSGKTSFLNALLRF
                     VDRDDRIVTIEDSEELFVENPNRTQILVPKIDTKSMSYELALNSAMRLRPDRILLGEI
                     DTKNTMTYLRLSNTGHSGMLSTLHANSPADAIHAIINNAMFGSQPVAESIMRGYIKSA
                     IDVIIQIKREGKSRIISDILNLKEALS"
     gene            complement(3967. .6027)
                     /locus_tag="WS1093"
     CDS             complement(3967. .6027)
                     /locus_tag="WS1093"
                     /codon_start=1
                     /transl_table=11
                     /product="hypothetical protein"
                     /protein_id="CAE10187.1"
                     /db_xref="GI:34483189"
                     /translation="MRQIWLFVLLSVCLFGASKDNNSSGDKLDVTIKKDTILKYQGMI
                     EAKPVLNVDEELILRGQYKTAPDGKVEINFNQAEYQDKTYNLSAPFEKSARLKDPSNA
                     TLKRNSKIIVEGGSKEELLAILNKTKLEKEEKGKEKESNAGTGQAATASGGSNGSNGS
                     NGYTSVNPYGSYSDSTSKDSTNSSKVSCPSAFVQDGIATVYVIEDNQCTPYQSNNIYE
                     KYNTATCKNRIDYANNTIELGVELYTTIDTGKEARVSTCTWKEAIPLYSEVGYCDATP
                     DYDNGVALIQEQYYYYLDGEKKTIGSCRPSGKKIELKHDTNSCTKDRHDFINGITYDQ
                     TQYFYSYNNTRHNVGECVDNPDILPYMHYEDDTTCDWQELEGRVFYKTRLAYKDMNNH
                     VRYATECETITSGGLELIEEFAGYIYMDESRQALRKINKYFIVPNTTRKIYTDKDVQT
                     SSSYPYEEEDCGWDHNDTMRVSYQKSRWYFFDTDENVRVDFQNECKTKTQISYVITDT
                     KATTTTLETLTNKTVTFDGTGYKIYGVEAYLSNTPNYSRVVSLDCSARTIPSHFVPGS
                     YSWENSCPFQMYTETGTKQFFSDDTIKVSAQNYMGERWHSTNYNLIKQDGSCYTFISL
                     DPPNNTYCGTIYRVQAINQSPHANNQTIDIVQTESKHKYIRGDGSTYEDPESWQTETR
                     YIAK"
     gene            complement(6024. .7127)
                     /gene="COMB3"
                     /locus_tag="WS1094"
     CDS             complement(6024. .7127)
                     /gene="COMB3"
                     /locus_tag="WS1094"
                     /codon_start=1
                     /transl_table=11
                     /product="COMB3"
                     /protein_id="CAE10188.1"
                     /db_xref="GI:34483190"
                     /translation="MKPVLKAILISSSVVLLLMGSFFLVAWMDSKEDSSDSEGFIDET
                     KFPLTGYLYKESPKEEKITIEAKKEEPKDTLAELSTLKETISKKTTAYTMDIFPRDDG
                     EARLKEQKRQSMLAQRLGAPIQINPPINQFTPEQKEIDYGANRFSNYDKQDLASNEHR
                     LLRTITADRMMPAILITPITSDLPGQVTALIEDDIFAAMGRANLVPKGSRAIGIYGSN
                     NKLGENRLQIVWTRIITPQGVNILLTQAQAADVTGMSGALGELDNKYWDRYGLALSLS
                     TVANAILLTVANQTQKFPNDHQTTTLLDKSGNDISTIMNNIIKEQTKIAPTITISAGS
                     RIFINPTVDIWVPIPKDNEVLVQYFTEYKEFKK"
     gene            complement(7124. .8053)
                     /gene="COMB2"
                     /locus_tag="WS1095"
     CDS             complement(7124. .8053)
                     /gene="COMB2"
                     /locus_tag="WS1095"
                     /codon_start=1
                     /transl_table=11
                     /product="COMB2"
                     /protein_id="CAE10189.1"
                     /db_xref="GI:34483191"
                     /translation="MMKNIWILLLASASLWAEVSIFDEGEMSTKTPSSPMATPETMID
                     LKATQQIFLNEKFSGNENILSINFIHGKTFRIRTRYAMSTTIILDEDRIIDAILGDSV
                     GFEKVIPSKDKYDLSNIIIVKPKMIGIDTSLTIIGESGRLYSFYLYSTDHNSTKYPNL
                     VVFVSEKHDQITRIPIRNLEKEAFELAKAEKEAEEAKKKISLEADDYLLIGDEVNRLR
                     VKIDEIERGYAQEGEDSLKAYDIFNDNKFTYFRYDRNRADSRFPAVYRVVDGYDNPVN
                     TRVVGNYIIAETLSNRFTLRAGEKWVCVKKGKK"
     gene            complement(8050. .8694)
                     /gene="COMB1"
                     /locus_tag="WS1096"
     CDS             complement(8050. .8694)
                     /gene="COMB1"
                     /locus_tag="WS1096"
                     /codon_start=1
                     /transl_table=11
                     /product="COMB1"
                     /protein_id="CAE10190.1"
                     /db_xref="GI:34483192"
                     /translation="MYEKVRVATSLHRLKRRLIDYLLLACIAELLVIVVLITAIITLF
                     PLKEKEPYLVHFSNAEQNFVTLERAGAELRSDKAVLTALMATYVRNREMIDRMTEKER
                     FEEVRLQSSAKVWRSFETLVNTENSIYAQKKLKREIRLVNISFLRVGISTVDFIAKTT
                     NGENGSTISEERYRAVLSYGFADTKLRFDEKNMNPTGFLVNDYGVTQINIGDAL"
     gene            complement(8842. .9843)
                     /locus_tag="WS1098"
     CDS             complement(8842. .9843)
                     /locus_tag="WS1098"
                     /codon_start=1
                     /transl_table=11
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                     /product="hypothetical protein"
                     /protein_id="CAE10191.1"
                     /db_xref="GI:34483193"
                     /translation="MRMATGEGIIGAYHYLSEIMGAFQENVVNNMLEAAQAIYNNSWF
                     EASFLVIIIIYAFQVMQGGFTREGVLRLINILLMAILVKAIIWNRELFFLFLGVMQLP
                     ADIFASAVSFVVGGELESEPHIILDQLQTVLGDVGGVILDNVGWTVSNVFSAIFAMII
                     FWLVSLALVLVIIFMLLVSKMISIVALGLAPILLPFLLFKATRGMFFGWMKFYISYSL
                     YGPFTIFFGYLLAEISTLAIQTKADMTSSFDLGNLFALIIAEVIIGIVIWKIPQFVNQ
                     IIGTQNDSGSLVGAINGIAASVSASRAATQGGWQVGKAARDSWLKAKEHSSSKIKSS"
     gene            complement(9840. .12128)
                     /locus_tag="WS1099"
     CDS             complement(9840. .12128)
                     /locus_tag="WS1099"
                     /codon_start=1
                     /transl_table=11
                     /product="VIRB4 HOMOLOG"
                     /protein_id="CAE10192.1"
                     /db_xref="GI:34483194"
                     /translation="MNILPRFLELLISKPMHSIAEDNNIIGIYDRSAGIIVTKDDNYA
                     IGFEIGGLSYGGLTPEDEEALHLTRKIFFAKNNPNIRIDISVKKESLSLEHHARAKNP
                     HSSRIIQRWENNFNAYRLSYYLILSTKNKGILSFLEEKREKMTTEGGENSLYKIEQLK
                     DAAKMLELYLGRFRPRALDGEELMNVYASYCNMSPTLCSYKDGYLRDSYIDSNILFKR
                     DYIIHERDGSEIYSRYIAIKAYDTEEISSSILSTLFNIPVSMNVLFQIQSISKESVLW
                     KVSQKIKMNSQNELVVAELDTLLKELQSDREMLLYFSFAVMVSAKTQEELNQRCNEVK
                     AALVAKGLIAVRETLNQQPLYFSFFPGRTINSRTRLQSSTAISTILTFEKDIEGFSQN
                     SWGESPVTIFKNITETPYFFNFHMSPGKDCPNGHTLVIGNTYAGKTTFMSFLMTCLTK
                     FEIDIFALDKLRGMHNFCTFLGGDYSDINDEFRLNPFSLAPTHENSLFLNSFLRLLGN
                     IDEREYEEVNAIADTLERIYENSENITLLDFYESLERVPNLKHRYKSHLDGIFAHPDD
                     ALSFQKQITILNMDSVLKDEIKASHLAYYVFHKILYQAKTKGKGAFVFVDELKDYLAN
                     DVMAHKLLETILEIRKLNGVVALGVQNLDFFDNIKNASSWINSMAHFAIFPTTNTESI
                     QKHIELTPAELRFLKNTNPLERKLLWKNANTKESVILDVNLSRLREYLRVFSSSAEDV
                     LQMKALLAEGEGWREKYLQREG"
     gene            complement(12112. .12357)
                     /locus_tag="WS1100"
     CDS             complement(12112. .12357)
                     /locus_tag="WS1100"
                     /codon_start=1
                     /transl_table=11
                     /product="hypothetical protein"
                     /protein_id="CAE10193.1"
                     /db_xref="GI:34483195"
                     /translation="MIEANNIREITKKEKIKGLSRTAWALSMIIAGGSFPHILFWNIP
                     FFIFLLCFFYVAEFFDEDIMDIFSAKIELKAKNEYFA"
     gene            complement(12366. .12764)
                     /locus_tag="WS1101"
     CDS             complement(12366. .12764)
                     /locus_tag="WS1101"
                     /codon_start=1
                     /transl_table=11
                     /product="hypothetical protein"
                     /protein_id="CAE10194.1"
                     /db_xref="GI:34483196"
                     /translation="MRSNHPLPLLSTRLKGSTIGEISTPSPISSTALPTHQNKGKQMK
                     QIVWLWLLSLPLLAASGDPGAKFAEIVERVYDMIQNGVVAGVASLVIIIMGFMLMFKM
                     FEQFKWWFVGIIGGIALLYGGTFIVNAIVN"
     gene            13628. .16075
                     /locus_tag="WS1102"
     CDS             13628. .16075

  Query Match             83.2%;  Score 15.8;  DB 1;  Length 349926;
  Best Local Similarity   89.5%;  Pred. No. 2.3e+03;
  Matches   17;  Conservative    0;  Mismatches    2;  Indels    0;  Gaps    0;

Qy          1 CGGTATGCCCCGCGGATTG 19
              |||||||||| |||| |||
Db     150077 CGGTATGCCCAGCGGCTTG 150095


RESULT 35
AR388663/c
LOCUS       AR388663                216 bp    DNA     linear   PAT 18-DEC-2003
DEFINITION  Sequence 5392 from patent US 6610836.
ACCESSION   AR388663
VERSION     AR388663.1  GI:40098397
KEYWORDS    .
SOURCE      Unknown.
  ORGANISM  Unknown.
            Unclassified.
REFERENCE   1  (bases 1 to 216)
  AUTHORS   Breton,G.L. and Osborne,M.
  TITLE     Nucleic acid amino acid sequences relating to Klebsiella pneumoniae
            for diagnostics and therapeutics
  JOURNAL   Patent: US 6610836-A 5392 26-AUG-2003;
FEATURES             Location/Qualifiers
     source          1. .216
                     /organism="unknown"
                     /mol_type="genomic DNA"
ORIGIN

  Query Match             81.1%;  Score 15.4;  DB 6;  Length 216;
  Best Local Similarity   94.1%;  Pred. No. 8.6e+03;
  Matches   16;  Conservative    0;  Mismatches    1;  Indels    0;  Gaps    0;

Qy          2 GGTATGCCCCGCGGATT 18
              |||||||||| |||||
Db        209 GGTATGCCCCGGGGATT 193


RESULT 36
AY237941/c
LOCUS       AY237941                691 bp    DNA     linear   PLN 29-AUG-2003
DEFINITION  Alyssum malacitanum internal transcribed spacer 2, 5.8S ribosomal
            RNA gene, and internal transcribed spacer 1, complete sequence.
ACCESSION   AY237941
VERSION     AY237941.1  GI:30267031
KEYWORDS    .
SOURCE      Alyssum malacitanum
  ORGANISM  Alyssum malacitanum
            Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
            Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots;
            rosids; eurosids II; Brassicales; Brassicaceae; Alyssum.
REFERENCE   1  (bases 1 to 691)
  AUTHORS   Mengoni,A., Baker,A.J.M., Bazzicalupo,M., Reeves,R.D., Adiguzel,N.,
            Chianni,E., Galardi,F., Gabbrielli,R. and Gonnelli,C.
  TITLE     Evolutionary dynamics of nickel hyperaccumulation in Alyssum
            revealed by ITS nrDNA analysis
  JOURNAL   New Phytol. 159 (3), 691-699 (2003)
REFERENCE   2  (bases 1 to 691)
  AUTHORS   Mengoni,A., Baker,A.J.M., Bazzicalupo,M., Reeves,R.D., Adiguzel,N.,
            Chianni,E., Gabbrielli,R. and Gonnelli,C.
  TITLE     Direct Submission
  JOURNAL   Submitted (18-FEB-2003) Dipartimento di Biologia Animale e
            Genetica, University of Firenze, via Romana 17, Firenze I-50125,
            Italy
FEATURES             Location/Qualifiers
     source          1. .691
                     /organism="Alyssum malacitanum"
                     /mol_type="genomic DNA"
                     /db_xref="taxon:226034"
     misc_RNA        complement(1. .251)
                     /product="internal transcribed spacer 2"
     rRNA            complement(252. .428)
                     /product="5.8S ribosomal RNA"
     misc_RNA        complement(429. .691)
                     /product="internal transcribed spacer 1"
ORIGIN

  Query Match             81.1%;  Score 15.4;  DB 8;  Length 691;
  Best Local Similarity   94.1%;  Pred. No. 7.5e+03;
  Matches   16;  Conservative    0;  Mismatches    1;  Indels    0;  Gaps    0;

Qy          1 CGGTATGCCCCGCGGAT 17
              |||||||  |||||||||
Db        470 CGGTATGTCCCGCGGAT 454
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RESULT 37
HSA326116
LOCUS       HSA326116               696 bp    DNA     linear   PRI 18-JUL-2002
DEFINITION  Homo sapiens genomic sequence surrounding NotI site, clone
            NL1-BD14C.
ACCESSION   AJ326116
VERSION     AJ326116.1  GI:15870510
KEYWORDS    .
SOURCE      Homo sapiens (human)
  ORGANISM  Homo sapiens
            Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
            Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE   1  (bases 1 to 696)
  AUTHORS   Kutsenko,A.S., Gizatullin,R.Z., Al-Amin,A.N., Wang,F., Kvasha,S.M.,
            Podowski,R.M., Matushkin,Y.G., Gyanchandani,A., Muravenko,O.V.,
            Levitsky,V.G., Kolchanov,N.A., Protopopov,A.I., Kashuba,V.I.,
            Kisselev,L.L., Wasserman,W., Wahlestedt,C. and Zabarovsky,E.R.
  TITLE     NotI flanking sequences: a tool for gene discovery and verification
            of the human genome
  JOURNAL   Nucleic Acids Res. 30 (14), 3163-3170 (2002)
  MEDLINE   22131767
   PUBMED   12136098
REFERENCE   2  (bases 1 to 696)
  AUTHORS   Zabarovsky,E.R.
  TITLE     Direct Submission
  JOURNAL   Submitted (16-MAY-2001) Microbiology and Tumorbiology Centre,
            Karolinska Institute, Theorells vag, 3, Box 280, Stockholm 171 77,
            Sweden
FEATURES             Location/Qualifiers
     source          1. .696
                     /organism="Homo sapiens"
                     /mol_type="genomic DNA"
                     /db_xref="taxon:9606"
                     /clone="NL1-BD14C"
ORIGIN

  Query Match             81.1%;  Score 15.4;  DB 9;  Length 696;
  Best Local Similarity   94.1%;  Pred. No. 7.5e+03;
  Matches   16;  Conservative    0;  Mismatches    1;  Indels    0;  Gaps    0;

Qy          3 GTATGCCCCGCGGATTG 19
              ||||||||||||| |||
Db        405 GTATGCCCCGCGGCTTG 421


RESULT 38
HPEA/c
LOCUS       HPEA                    7138 bp ds-RNA     linear   VRL 02-AUG-1993
DEFINITION  Hepatitis E Virus, complete cds.
ACCESSION   M80581
VERSION     M80581.1  GI:329997
KEYWORDS    .
SOURCE      Hepatitis E virus
  ORGANISM  Hepatitis E virus
            Viruses; ssRNA positive-strand viruses, no DNA stage; Hepeviridae;
            Hepevirus.
REFERENCE   1  (bases 1 to 7138)
  AUTHORS   Tsarev,S.A., Emerson,S.U., Reyes,G.R., Tsareva,T.S., Legters,L.J.,
            Malik,I.A., Iqbal,M. and Purcell,R.H.
  TITLE     Characterization of a prototype strain of hepatitis E virus
  JOURNAL   Proc. Natl. Acad. Sci. U.S.A. 89 (2), 559-563 (1992)
  MEDLINE   92115700
   PUBMED   1731327
COMMENT     Original source text: Hepatitis E virus (strain SAR-55) cDNA to
            genomic RNA.
FEATURES             Location/Qualifiers
     source          1. .7138
                     /organism="Hepatitis E virus"
                     /mol_type="genomic RNA"
                     /strain="SAR-55"
                     /db_xref="taxon:12461"
     CDS             1. .5079
                     /note="ORF-1"
                     /codon_start=1
                     /protein_id="AAA45725.1"
                     /db_xref="GI:329998"
                     /translation="EAHQFIKAPGITTAIEQAALAAANSALANAVVVRPFLSHQQIEI
                     LINLMQPRQLVFRPEVFWNHPIQRVIHNELELYCRARSGRCLEIGAHPRSINDNPNVV
                     HRCFLRPAGRDVQRWYTAPTRGPAANCRRSALRGLPAADRTYCFDGFSGCNFPAETGI
                     ALYSLHDMSPSDVAEAMFRHGMTRLYAALHLPPEVLLPPGTYRTASYLLIHDGRRVVV
                     TYEGDTSAGYNHDVSNLRSWIRTTKVTGDHPLVIERVRAIGCHFVLLLTAAPEPSPMP
                     YVPYPRSTEVYVRSIFGPGGTPSLFPTSCSTKSTFHAVPAHIWDRLMLFGATLDDQAF
                     CCSRLMTYLRGISYKVTVGTLVANEGWNASEDALTAVITAAYLTICHQRYLRTQAISK
                     GMRRLEREHAQKFITRLYSWLFEKSGRDYIPGRQLEFYAQCRRWLSAGFHLDPRVLVF
                     DESAPCHCRTAIRKAVSKFCCFMKWLGQECTCFLQPAEGVVGDQGHDNEAYEGSDVDP
                     AESAISDISGSYVVPGTALQPLYQALDLPAEIVARAGRLTATVKVSQVDGRIDCETLL
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                     ADGTAELTTTAATRFMKDLYFTSTNGVGEIGRGIALTLFNLADTLLGGLPTELISSAG
                     GQLFYSRPVVSANGEPTVKLYTSVENAQQDKGIAIPHDIDLGESRVVIQDYDNQHEQD
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ORIGIN

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  Best Local Similarity   94.1%;  Pred. No. 5.7e+03;
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              ||||||| |||||||||
Db       3298 GGTATGCGCCGCGGATT 3282


RESULT 39
AR139826/c
LOCUS       AR139826                7168 bp    DNA     linear   PAT 16-JUN-2001
DEFINITION  Sequence 4 from patent US 6207416.
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ACCESSION   AR139826
VERSION     AR139826.1  GI:14482322
KEYWORDS    .
SOURCE      Unknown.
  ORGANISM  Unknown.
            Unclassified.
REFERENCE   1  (bases 1 to 7168)
  AUTHORS   Tsarev,S.A., Emerson,S.U. and Purcell,R.H.
  TITLE     Recombinant proteins of a Pakistani strain of hepatitis E and their
            use in diagnostic methods and vaccines
  JOURNAL   Patent: US 6207416-A 4 27-MAR-2001;
FEATURES             Location/Qualifiers
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ORIGIN

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  Best Local Similarity   94.1%;  Pred. No. 5.7e+03;
  Matches   16;  Conservative    0;  Mismatches    1;  Indels    0;  Gaps    0;

Qy          2 GGTATGCCCCGCGGATT 18
              ||||||| |||||||||
Db       3328 GGTATGCGCCGCGGATT 3312


RESULT 40
AR167470/c
LOCUS       AR167470                7168 bp    DNA     linear   PAT 17-DEC-2001
DEFINITION  Sequence 4 from patent US 6287759.
ACCESSION   AR167470
VERSION     AR167470.1  GI:17903252
KEYWORDS    .
SOURCE      Unknown.
  ORGANISM  Unknown.
            Unclassified.
REFERENCE   1  (bases 1 to 7168)
  AUTHORS   Tsarev,S.A., Emerson,S.U. and Purcell,R.H.
  TITLE     Recombinant proteins of a Pakistani strain of hepatitis E and their
            use in diagnostic methods and vaccines
  JOURNAL   Patent: US 6287759-A 4 11-SEP-2001;
FEATURES             Location/Qualifiers
     source          1. .7168
                     /organism="unknown"
                     /mol_type="unassigned DNA"
ORIGIN

  Query Match          81.1%;  Score 15.4;  DB 6;  Length 7168;
  Best Local Similarity   94.1%;  Pred. No. 5.7e+03;
  Matches   16;  Conservative    0;  Mismatches    1;  Indels    0;  Gaps    0;

Qy          2 GGTATGCCCCGCGGATT 18
              ||||||| |||||||||
Db       3328 GGTATGCGCCGCGGATT 3312


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Job time : 1538 secs
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OM nucleic - nucleic search, using sw model

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(without alignments)
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Perfect score: 19
Sequence: 1 cggtatgccccgcggattg 19

Scoring table: IDENTITY_NUC
Gapop 10.0 , Gapext 1.0

Searched: 4390206 seqs, 2959870667 residues

Total number of hits satisfying chosen parameters: 8780412

Minimum DB seq length: 0
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Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 100 summaries

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13: geneseqn2004bs:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

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	2	19	100.0	19	12	ADQ30679	Adq30679 West Nile
	3	19	100.0	10962	12	ADK13681	Adk13681 West Nile
c	4	16.4	86.3	1835	10	ADD45610	Add45610 Human gen
c	5	16.4	86.3	61313	4	AAS59545	Aas59545 Propionib
c	6	16.4	86.3	61313	8	ACF64474	Acf64474 Propionib
c	7	16	84.2	867	4	ABL23027	Abl23027 Drosophil
	8	16	84.2	4263	4	ABL23026	Abl23026 Drosophil
c	9	15.8	83.2	3963	4	ABL03639	Abl03639 Drosophil
c	10	15.8	83.2	10644	4	ABL03638	Abl03638 Drosophil
c	11	15.4	81.1	216	11	ACH99597	Ach99597 Klebsiell
c	12	15.4	81.1	5124	4	AAI71515	Aai71515 Hepatitis
c	13	15.4	81.1	7158	2	AAT27394	Aat27394 Hepatitis
c	14	15.4	81.1	7168	2	AAQ45197	Aaq45197 HEV strai
c	15	15.4	81.1	7168	2	AAV71604	Aav71604 Hepatitis
c	16	15.4	81.1	7204	9	ADA50062	Ada50062 SK-HEV-3
c	17	15.4	81.1	7204	9	ADA50065	Ada50065 Hepatitis
c	18	15.4	81.1	7204	9	ADA50064	Ada50064 Hepatitis
c	19	15.4	81.1	7204	9	ADA50063	Ada50063 SK-HEV-2
c	20	15.4	81.1	7232	4	AAI71514	Aai71514 Hepatitis
c	21	14.8	77.9	263	10	ACA55580	Aca55580 Human sig
c	22	14.8	77.9	263	12	ADI55376	Adi55376 Human pol
	23	14.8	77.9	398	12	ACH81246	Ach81246 Human gen
	24	14.8	77.9	465	6	ABK54586	Abk54586 Human col
c	25	14.8	77.9	478	9	ACH28875	Ach28875 Human adu
	26	14.8	77.9	546	12	ACH67542	Ach67542 Human gen
	27	14.8	77.9	605	2	AAQ26983	Aaq26983 HCV gene
c	28	14.8	77.9	638	12	ADO26863	Ado26863 cDNA enco
	29	14.8	77.9	666	12	ADP28686	Adp28686 Human sec
	30	14.8	77.9	672	2	AAQ27005	Aaq27005 HK3. 1/19
	31	14.8	77.9	1011	6	ABK35606	Abk35606 Gene enco
	32	14.8	77.9	1168	11	ADL35982	Adl35982 Human NOV
	33	14.8	77.9	1169	6	ABS71701	Abs71701 DNA encod
	34	14.8	77.9	1169	12	ADH71407	Adh71407 Human gen
	35	14.8	77.9	1207	2	AAQ40328	Aaq40328 Sequence
	36	14.8	77.9	1326	12	ADJ63859	Adj63859 Plant lip
	37	14.8	77.9	1326	12	ADN74484	Adn74484 Thale cre
c	38	14.8	77.9	1365	11	ACH99952	Ach99952 Klebsiell
	39	14.8	77.9	1467	11	ABD00417	Abd00417 Klebsiell
c	40	14.8	77.9	1520	10	ADF51098	Adf51098 Human HN1
	41	14.8	77.9	1636	3	AAC44833	Aac44833 Arabidops
c	42	14.8	77.9	2021	8	ABX34465	Abx34465 Human mdd
c	43	14.8	77.9	2334	10	ADD93416	Add93416 Human lip
	44	14.8	77.9	2597	8	AAD47373	Aad47373 Human LP3
	45	14.8	77.9	2601	8	AAD47374	Aad47374 Human LP3
c	46	14.8	77.9	2658	3	AAC69801	Aac69801 Human bre
c	47	14.8	77.9	2733	13	ADT48668	Adt48668 Bacterial
c	48	14.8	77.9	2782	4	AAI99681	Aai99681 Mouse pen
	49	14.8	77.9	3360	2	AAT03677	Aat03677 Hepatitis
c	50	14.8	77.9	3575	6	ABQ61139	Abq61139 DKFZp434O
c	51	14.8	77.9	3753	5	AAS68937	Aas68937 DNA encod
	52	14.8	77.9	3789	12	ADQ64444	Adq64444 Novel hum
c	53	14.8	77.9	4930	6	ABK92231	Abk92231 Prostate
c	54	14.8	77.9	4930	11	ADN39611	Adn39611 Cancer/an
c	55	14.8	77.9	4930	11	ADN95181	Adn95181 Human BEC
c	56	14.8	77.9	4930	12	ADJ74750	Adj74750 Human pen
c	57	14.8	77.9	4930	12	ADJ74895	Adj74895 Marker ge
c	58	14.8	77.9	8790	6	ABK69856	Abk69856 Human sec
	59	14.8	77.9	9203	3	AAA35228	Aaa35228 Human ade
	60	14.8	77.9	9203	3	AAF21350	Aaf21350 Human low
	61	14.8	77.9	9203	10	ABZ97044	Abz97044 Human nuc
	62	14.8	77.9	9203	11	ABD20893	Abd20893 Human pul
	63	14.8	77.9	9413	2	AAQ80498	Aaq80498 DNA encod
	64	14.8	77.9	9413	2	AAQ81559	Aaq81559 Hepatitis
	65	14.8	77.9	9413	2	AAT03960	Aat03960 Partial H
	66	14.8	77.9	9413	6	AAD25517	Aad25517 Hepatitis
	67	14.8	77.9	9413	8	AAL53723	Aal53723 Hepatitis
	68	14.8	77.9	9413	8	AAD49655	Aad49655 Hepatitis
	69	14.8	77.9	9413	10	ADF88596	Adf88596 Hepatitis
c	70	14.8	77.9	11717	2	AAV33474	Aav33474 Girdwood
	71	14.8	77.9	17844	3	AAA35236	Aaa35236 Human ade
	72	14.8	77.9	17844	3	AAF21358	Aaf21358 Human low
	73	14.8	77.9	17844	10	ABZ97052	Abz97052 Human nuc
	74	14.8	77.9	17844	11	ABD20901	Abd20901 Human pul
c	75	14.8	77.9	39796	3	AAC61681	Aac61681 Nucleotid
	76	14.4	75.8	570	2	AAQ56789	Aaq56789 Gene tab6
	77	14.4	75.8	1333	6	ADF77949	Adf77949 HIV-1 chi
	78	14.4	75.8	1878	13	ADS45620	Ads45620 Bacterial
c	79	14.4	75.8	4743	4	AAL05210	Aal05210 Human rep
c	80	14.4	75.8	4743	4	ABL98093	Abl98093 Human tes
c	81	14.4	75.8	4747	4	AAL05209	Aal05209 Human rep
c	82	14.4	75.8	4747	4	ABL98092	Abl98092 Human tes
c	83	14.4	75.8	5966	10	ADD48475	Add48475 Human gen
c	84	14.4	75.8	149480	6	ABL61947	Abl61947 Colon ade
c	85	14.4	75.8	149480	6	ABL68365	Abl68365 Kidney ca
c	86	14.4	75.8	149480	6	ABL61948	Abl61948 Colon ade
	87	14.2	74.7	19	12	ADQ30682	Adq30682 West Nile
c	88	14.2	74.7	69	12	ADN36694	Adn36694 West Nile
	89	14.2	74.7	258	11	ABD16520	Abd16520 Pseudomon
	90	14.2	74.7	365	6	ABK51710	Abk51710 Partial c
	91	14.2	74.7	366	8	ABQ76684	Abq76684 WNVCwt DN
	92	14.2	74.7	435	2	AAZ12283	Aaz12283 Neisseria
	93	14.2	74.7	435	3	AAA81413	Aaa81413 N. mening

94	14.2	74.7	470	9	ACH34841	Ach34841 Human end
95	14.2	74.7	517	8	ABZ55984	Abz55984 Aspergill
96	14.2	74.7	543	11	ABD16388	Abd16388 Pseudomon
97	14.2	74.7	559	10	ADC75499	Adc75499 DNA homol
98	14.2	74.7	559	10	ADK59196	Adk59196 Plant DNA
99	14.2	74.7	559	11	ADM45746	Adm45746 Insect re
100	14.2	74.7	559	11	ADM45443	Adm45443 Insect re

ALIGNMENTS

RESULT 1
ADQ30683
ID ADQ30683 standard; DNA; 19 BP.
XX
AC ADQ30683;
XX
DT 23-SEP-2004 (first entry)
XX
DE West Nile Virus oligonucleotide probe B.
XX
KW ss; probe; West Nile Virus; diagnosis.
XX
OS West Nile virus.
XX
PN WO2004055159-A2.
XX
PD 01-JUL-2004.
XX
PF 05-DEC-2003; 2003WO-US038750.
XX
PR 12-DEC-2002; 2002US-0432850P.
PR 20-JUN-2003; 2003US-0480431P.
XX
PA (CHIR) CHIRON CORP.
XX
PI Shyamala V;
XX
DR WPI; 2004-488058/46.
XX
PT New isolated oligonucleotides for accurately diagnosing West Nile virus
PT infection or for capturing, detecting and quantitating West Nile virus in
PT blood samples.
XX
PS Claim 1; SEQ ID NO 53; 56pp; English.
XX
CC The invention relates to an isolated oligonucleotide not more than 60
CC nucleotides in length comprising a nucleotide sequence (S1) of at least
CC 10 contiguous nucleotides from any of the 28 nucleotide sequences (e.g.
CC 20, 21 or 23 bp) given in the specification derived from the West Nile
CC Virus (WNV) genome, a nucleotide sequence (S2) having 90% sequence
CC identity to the nucleotide sequence of (S1), or complements of (S1) and
CC (S2). The oligonucleotide further comprises a detectable label at the 5'-
CC end and/or the 3'-end. The detectable label is a fluorescent label
CC selected from 6-carboxyfluorescein (6-FAM), tetramethyl rhodamine
CC (TAMRA), and 2',4',5',7',-tetrachloro-4-7-dichlorofluorescein (TET). The
CC composition and methods are useful for accurately diagnosing West Nile
CC virus infection or for capturing, detecting and quantitating West Nile
CC virus in biological samples, particularly blood samples. This sequence
CC corresponds to an oligonucleotide probe of the invention.
XX
SQ Sequence 19 BP; 2 A; 6 C; 7 G; 4 T; 0 U; 0 Other;

Query Match 100.0%; Score 19; DB 12; Length 19;
Best Local Similarity 100.0%; Pred. No. 5.1;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CGGTATGCCCCGCGGATTG 19
||||||||||||||||||||
Db 1 CGGTATGCCCCGCGGATTG 19

RESULT 2
ADQ30679
ID ADQ30679 standard; DNA; 19 BP.
XX
AC ADQ30679;
XX
DT 23-SEP-2004 (first entry)
XX
DE West Nile Virus capsid gene second probe.
XX
KW ss; probe; West Nile Virus; diagnosis.
XX
OS West Nile virus.
XX
PN WO2004055159-A2.
XX
PD 01-JUL-2004.
XX
PF 05-DEC-2003; 2003WO-US038750.
XX
PR 12-DEC-2002; 2002US-0432850P.
PR 20-JUN-2003; 2003US-0480431P.
XX
PA (CHIR) CHIRON CORP.
XX
PI Shyamala V;
XX
DR WPI; 2004-488058/46.
XX
PT New isolated oligonucleotides for accurately diagnosing West Nile virus
PT infection or for capturing, detecting and quantitating West Nile virus in
PT blood samples.
XX
PS Example 1; SEQ ID NO 49; 56pp; English.
XX
CC The invention relates to an isolated oligonucleotide not more than 60
CC nucleotides in length comprising a nucleotide sequence (S1) of at least
CC 10 contiguous nucleotides from any of the 28 nucleotide sequences (e.g.
CC 20, 21 or 23 bp) given in the specification derived from the West Nile
CC Virus (WNV) genome, a nucleotide sequence (S2) having 90% sequence
CC identity to the nucleotide sequence of (S1), or complements of (S1) and
CC (S2). The oligonucleotide further comprises a detectable label at the 5'-
CC end and/or the 3'-end. The detectable label is a fluorescent label
CC selected from 6-carboxyfluorescein (6-FAM), tetramethyl rhodamine
CC (TAMRA), and 2',4',5',7',-tetrachloro-4-7-dichlorofluorescein (TET). The
CC composition and methods are useful for accurately diagnosing West Nile
CC virus infection or for capturing, detecting and quantitating West Nile
CC virus in biological samples, particularly blood samples. This sequence
CC corresponds to a probe to detect amplification of a fragment of the
CC capsid gene of the WNV genome. The fragment is detected using the
CC oligonucleotides of the invention.
XX
SQ Sequence 19 BP; 2 A; 6 C; 7 G; 4 T; 0 U; 0 Other;

Query Match 100.0%; Score 19; DB 12; Length 19;
Best Local Similarity 100.0%; Pred. No. 5.1;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CGGTATGCCCCGCGGATTG 19
||||||||||||||||||||
Db 1 CGGTATGCCCCGCGGATTG 19

RESULT 3
ADK13681
ID ADK13681 standard; DNA; 10962 BP.
XX
AC ADK13681;
XX
DT 20-MAY-2004 (first entry)
XX
DE West Nile Virus DNA sequence, SEQ ID 1.
XX

KW Virucide; Immunostimulant; flavivirus;
KW envelope protein domain III polypeptide; envelope protein; gene; ss.
XX
OS West Nile virus.
XX
FH Key Location/Qualifiers
FT CDS 97. .10389
FT /*tag= a
FT /product= "West Nile Virus protein"
XX
PN WO2004016586-A2.
XX
PD 26-FEB-2004.
XX
PF 18-AUG-2003; 2003WO-US025681.
XX
PR 16-AUG-2002; 2002US-0403893P.
PR 06-FEB-2003; 2003US-0445581P.
XX
PA (TEXA) UNIV TEXAS SYSTEM.
XX
PI Barrett A, Beasley D, Holbrook M;
XX
DR WPI; 2004-203756/19.
DR P-PSDB; ADK13682.
XX
PT Diagnosing flavivirus infection by contacting a sample from a human or
PT animal with a flavivirus envelope protein domain III polypeptide, and
PT detecting formation of a immunocomplex between the envelope protein and
PT antibodies in the sample.
XX
PS Disclosure; SEQ ID NO 1; 110pp; English.
XX
CC The present invention relates to a method for screening for a flavivirus
CC in a subject or animal host. The method comprises: contacting a sample
CC from the subject with a composition comprising a flavivirus envelope
CC protein domain III polypeptide (ADK13683-ADK13701) under conditions that
CC permit formation of specific immunocomplex between an antibody in the
CC sample and the envelope protein domain III polypeptide; and detecting
CC whether a specific immunocomplex is formed. The present sequence is the
CC coding sequence for West Nile Virus protein, from which E protein
CC envelope protein domain III polypeptide (ADK13683) is derived.
XX
SQ Sequence 10962 BP; 2997 A; 2497 C; 3100 G; 2368 T; 0 U; 0 Other;

Query Match 100.0%; Score 19; DB 12; Length 10962;
Best Local Similarity 100.0%; Pred. No. 5.1;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CGGTATGCCCCGCGGATTG 19
||||||||||||||||||||
Db 153 CGGTATGCCCCGCGGATTG 171

RESULT 4
ADD45610/c
ID ADD45610 standard; DNA; 1835 BP.
XX
AC ADD45610;
XX
DT 29-JAN-2004 (first entry)
XX
DE Human gene AK000970, SEQ ID NO 11276.
XX
KW Human; ds; gene; pain; neuronal tissue; gene therapy;
KW spinal segmental nerve injury; chronic constriction injury; CCI;
KW spared nerve injury; SNI; Chung.
XX
OS Homo sapiens.
XX
PN WO2003016475-A2.
XX
PD 27-FEB-2003.
XX
PF 14-AUG-2002; 2002WO-US025765.
XX
PR 14-AUG-2001; 2001US-0312147P.
PR 01-NOV-2001; 2001US-0346382P.
PR 26-NOV-2001; 2001US-0333347P.
XX
PA (GEHO) GEN HOSPITAL CORP.
PA (FARB) BAYER AG.
XX
PI Woolf C, D'urso D, Befort K, Costigan M;
XX
DR WPI; 2003-268312/26.
DR GENBANK; AK000970.
XX
PT New composition comprising two or more isolated polypeptides, useful for
PT preparing a medicament for treating pain in an animal.
XX
PS Claim 1; Page; 1017pp; English.
XX
CC The invention discloses a composition comprising two or more isolated rat
CC or human polynucleotides or a polynucleotide which represents a fragment,
CC derivative or allelic variation of the nucleic acid sequence. Also
CC claimed are a vector comprising the novel polynucleotide, a host cell
CC comprising the vector, a method for identifying a nucleotide sequence
CC which is differentially regulated in an animal subjected to pain and a
CC kit to perform the method, an array, a method for identifying an agent
CC that increases or decreases the expression of the polynucleotide sequence
CC that is differentially expressed in neuronal tissue of a first animal
CC subjected to pain, a method for identifying a compound which regulates
CC the expression of a polynucleotide sequence which is differentially
CC expressed in an animal subjected to pain, a method for identifying a
CC compound that regulates the activity of one or more of the
CC polynucleotides, a method for producing a pharmaceutical composition, a
CC method for identifying a compound or small molecule that regulates the
CC activity in an animal of one or more of the polypeptides given in the
CC specification, a method for identifying a compound useful in treating
CC pain and a pharmaceutical composition comprising the one or more
CC polypeptides or their antibodies. The polynucleotide or the compound that
CC modulates its activity is useful for preparing a medicament for treating
CC pain (e.g. spinal segmental nerve injury (Chung), chronic constriction
CC injury (CCI) and spared nerve injury (SNI)) in an animal (e.g. gene
CC therapy). The sequence presented is a human DNA (shown in Table 2 of the
CC specification) which encodes one of the polypeptides of the invention
CC which is differentially expressed during pain. Note: The sequence data
CC for this patent did not form part of the printed specification, but was
CC obtained in electronic form directly from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences.
XX
SQ Sequence 1835 BP; 475 A; 386 C; 426 G; 548 T; 0 U; 0 Other;

Query Match 86.3%; Score 16.4; DB 10; Length 1835;
Best Local Similarity 94.4%; Pred. No. 1.1e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 2 GGTATGCCCCGCGGATTG 19
||||||||||||| ||||
Db 669 GGTATGCCCCGCGCATTG 652

RESULT 5
AAS59545/c
ID AAS59545 standard; DNA; 61313 BP.
XX
AC AAS59545;
XX
DT 13-FEB-2002 (first entry)
XX
DE Propionibacterium acnes immunogenic protein encoding DNA #40.
XX
KW SAPHO syndrome; synovitis; acne; pustulosis; hypertosis; osteomyelitis;
KW uveitis; endophthalmitis; bone; joint; central nervous system; ELISA;
KW inflammatory lesion; acne vulgaris; enzyme linked immunosorbent assay;

```
KW   dermatological; osteopathic; neuroprotectant; ds.
XX
OS   Propionibacterium acnes.
XX
PN   WO200181581-A2.
XX
PD   01-NOV-2001.
XX
PF   20-APR-2001; 2001WO-US012865.
XX
PR   21-APR-2000; 2000US-0199047P.
PR   02-JUN-2000; 2000US-0208841P.
PR   07-JUL-2000; 2000US-0216747P.
XX
PA   (CORI-) CORIXA CORP.
XX
PI   Skeiky YAW, Persing DH, Mitcham JL, Wang SS, Bhatia A;
PI   L'maisonneuve J, Zhang Y, Jen S, Carter D;
XX
DR   WPI; 2001-616774/71.
XX
PT   Propionibacterium acnes polypeptides and nucleic acids useful for
PT   vaccinating against and diagnosing infections, especially useful for
PT   treating acne vulgaris.
XX
PS   Claim 1; SEQ ID NO 40; 1069pp; English.
XX
CC   Sequences AAS59506-AAS59804 represent DNA molecules encoding
CC   Propionibacterium acnes immunogenic polypeptides. The proteins and their
CC   associated DNA sequences are used in the treatment, prevention and
CC   diagnosis of medical conditions caused by P. acnes. The disorders include
CC   SAPHO syndrome (synovitis, acne, pustulosis, hypertosis and
CC   osteomyelitis), uveitis and endophthalmitis. P. acnes is also involved in
CC   infections of bone, joints and the central nervous system, however it is
CC   particularly involved in the inflammatory lesions associated with acne
CC   vulgaris. A method for detecting the presence or absence of P. acnes in a
CC   patient comprises contacting a sample with a binding agent that binds to
CC   the proteins of the invention and determining the amount of bound protein
CC   in the sample. The polypeptides may be used as antigens in the production
CC   of antibodies specific for P. acnes proteins. These antibodies can be
CC   used to downregulate expression and activity of P. acnes polypeptides and
CC   therefore treat P. acnes infections. The antibodies may also be used as
CC   diagnostic agents for determining P. acnes presence, for example, by
CC   enzyme linked immunosorbent assay (ELISA). This sequence encodes the
CC   polypeptides shown in AAU49156-AAU49883 and AAU67522-AAU67523. Note: The
CC   sequence data for this patent did not form part of the printed
CC   specification, but was obtained in electronic format directly from WIPO
CC   at ftp.wipo.int/pub/published_pct_sequences
XX
SQ   Sequence 61313 BP; 10582 A; 18175 C; 19919 G; 12633 T; 0 U; 4 Other;

  Query Match             86.3%;  Score 16.4;  DB 4;  Length 61313;
  Best Local Similarity   94.4%;  Pred. No. 1.1e+02;
  Matches   17;  Conservative    0;  Mismatches    1;  Indels    0;  Gaps    0;

Qy          1 CGGTATGCCCCGCGGATT 18
              |||||||||| |||||||
Db      48079 CGGTATGCCCGGCGGATT 48062


RESULT 6
ACF64474/c
ID   ACF64474 standard; DNA; 61313 BP.
XX
AC   ACF64474;
XX
DT   17-OCT-2003  (first entry)
XX
DE   Propionibacterium acnes DNA contig sequence #40.
XX
KW   Acne vulgaris; antiseborrhoeic; dermatological; antibacterial;
KW   immunostimulant; immune response; vaccine; ds.
XX
OS   Propionibacterium acnes.
XX
PN   WO2003033515-A1.
XX
PD   24-APR-2003.
XX
PF   11-OCT-2002; 2002WO-US032727.
XX
PR   15-OCT-2001; 2001US-00978825.
XX
PA   (CORI-) CORIXA CORP.
XX
PI   Mitcham JL, Skeiky YAW, Persing DH, Bhatia A, Maisonneuve JL;
PI   Zhang Y, Wang S, Jen S, Lodes MJ, Benson DR, Jones R, Carter D;
PI   Barth B, Vallieve-Douglass J;
XX
DR   WPI; 2003-381789/36.
XX
PT   New Propionibacterium acnes polypeptides and polynucleotides encoding the
PT   polypeptide, useful for diagnosing, preventing or treating acne vulgaris,
PT   or for stimulating an immune response specific for a P. acnes protein.
XX
PS   Claim 1; SEQ ID NO 40; 1481pp; English.
XX
CC   The invention relates to an isolated polynucleotide (ACF64435-ACF64733)
CC   encoding a Propionibacterium acnes protein. The invention also relates to
CC   polypeptides encoded by the polynucleotides (ABM35624-ABM64536) and to
CC   immunogenic fragments of P. acnes polypeptides. The invention
CC   additionally encompasses expression vectors and host cells comprising a
CC   polynucleotide of the invention; antibodies against polypeptides of the
CC   invention; fusion proteins comprising a polypeptide of the invention; a
CC   method for stimulating an immune response specific for a P. acnes
CC   polypeptide and an isolated T cell population comprising T cells prepared
CC   via this method; a vaccine composition (comprising P. acnes polypeptides,
CC   polynucleotides, antibodies, fusion proteins, T cell populations, or
CC   antigen-presenting cells that express the polypeptide); a method and kit
CC   for detecting or determining the presence or absence of P. acnes in a
CC   patient; and a method for inhibiting the development of P. acnes in a
CC   patient. The P. acnes polypeptides, polynucleotides, antibodies, fusion
CC   proteins, T cell populations or antigen-presenting cells that express the
CC   polypeptides are useful for diagnosing, preventing or treating acne
CC   vulgaris, or for stimulating an immune response specific for a P. acnes
CC   protein. The polynucleotides can also be used as probes or primers for
CC   nucleic acid hybridisation. The vaccine composition is useful for the
CC   stimulation of an immune response against P. acnes, or for treating acne,
CC   and the kit is useful for performing a diagnostic assay. The present
CC   sequence represents a P. acnes DNA contig which is specifically claimed
CC   in the invention. Note: The sequence data for this patent did not form
CC   part of the printed specification, but was obtained in electronic format
CC   directly from WIPO at ftp.wipo.int/pub/published_pct_sequences
XX
SQ   Sequence 61313 BP; 10582 A; 18175 C; 19919 G; 12633 T; 0 U; 4 Other;

  Query Match             86.3%;  Score 16.4;  DB 8;  Length 61313;
  Best Local Similarity   94.4%;  Pred. No. 1.1e+02;
  Matches   17;  Conservative    0;  Mismatches    1;  Indels    0;  Gaps    0;

Qy          1 CGGTATGCCCCGCGGATT 18
              |||||||||| |||||||
Db      48079 CGGTATGCCCGGCGGATT 48062


RESULT 7
ABL23027/c
ID   ABL23027 standard; DNA; 867 BP.
XX
AC   ABL23027;
XX
DT   26-MAR-2002  (first entry)
XX
DE   Drosophila melanogaster genomic polynucleotide SEQ ID NO 20554.
XX
KW   Drosophila; developmental biology; cell signalling; insecticide;
```

KW pharmaceutical; gene; ds.
XX
OS Drosophila melanogaster.
XX
PN WO200171042-A2.
XX
PD 27-SEP-2001.
XX
PF 23-MAR-2001; 2001WO-US009231.
XX
PR 23-MAR-2000; 2000US-0191637P.
PR 11-JUL-2000; 2000US-00614150.
XX
PA (PEKE) PE CORP NY.
XX
PI Venter JC, Adams M, Li PWD, Myers EW;
XX
DR WPI; 2001-656860/75.
XX
PT New isolated nucleic acid detection reagent for detecting 1000 or more
PT genes from Drosophila and for elucidating cell signaling and cell-cell
PT interactions.
XX
PS Claim 1; SEQ ID NO 20554; 21pp + Sequence Listing; English.
XX
CC The invention relates to an isolated nucleic acid detection reagent
CC capable of detecting 1000 or more genes from Drosophila. The invention is
CC useful in developmental biology and in elucidating cell signalling and
CC cell-cell interactions in higher eukaryotes for the development of
CC insecticides, therapeutics and pharmaceutical drugs. The invention
CC discloses genomic DNA sequences (ABL16176-ABL30511), expressed DNA
CC sequences (ABL01840-ABL16175) and the encoded proteins (ABB57737-
CC ABB72072). The sequence data for this patent did not form part of the
CC printed specification, but was obtained in electronic format directly
CC from WIPO at ftp.wipo.int/pub/published_pct_sequences
XX
SQ Sequence 867 BP; 187 A; 251 C; 249 G; 180 T; 0 U; 0 Other;

Query Match 84.2%; Score 16; DB 4; Length 867;
Best Local Similarity 100.0%; Pred. No. 1.8e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 3 GTATGCCCCGCGGATT 18
||||||||||||||||
Db 298 GTATGCCCCGCGGATT 283

RESULT 8
ABL23026
ID ABL23026 standard; DNA; 4263 BP.
XX
AC ABL23026;
XX
DT 26-MAR-2002 (first entry)
XX
DE Drosophila melanogaster genomic polynucleotide SEQ ID NO 20551.
XX
KW Drosophila; developmental biology; cell signalling; insecticide;
KW pharmaceutical; gene; ds.
XX
OS Drosophila melanogaster.
XX
PN WO200171042-A2.
XX
PD 27-SEP-2001.
XX
PF 23-MAR-2001; 2001WO-US009231.
XX
PR 23-MAR-2000; 2000US-0191637P.
PR 11-JUL-2000; 2000US-00614150.
XX
PA (PEKE) PE CORP NY.
XX
PI Venter JC, Adams M, Li PWD, Myers EW;
XX
DR WPI; 2001-656860/75.
XX
PT New isolated nucleic acid detection reagent for detecting 1000 or more
PT genes from Drosophila and for elucidating cell signaling and cell-cell
PT interactions.
XX
PS Claim 1; SEQ ID NO 20551; 21pp + Sequence Listing; English.
XX
CC The invention relates to an isolated nucleic acid detection reagent
CC capable of detecting 1000 or more genes from Drosophila. The invention is
CC useful in developmental biology and in elucidating cell signalling and
CC cell-cell interactions in higher eukaryotes for the development of
CC insecticides, therapeutics and pharmaceutical drugs. The invention
CC discloses genomic DNA sequences (ABL16176-ABL30511), expressed DNA
CC sequences (ABL01840-ABL16175) and the encoded proteins (ABB57737-
CC ABB72072). The sequence data for this patent did not form part of the
CC printed specification, but was obtained in electronic format directly
CC from WIPO at ftp.wipo.int/pub/published_pct_sequences
XX
SQ Sequence 4263 BP; 1178 A; 950 C; 995 G; 1140 T; 0 U; 0 Other;

Query Match 84.2%; Score 16; DB 4; Length 4263;
Best Local Similarity 100.0%; Pred. No. 1.8e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 3 GTATGCCCCGCGGATT 18
||||||||||||||||
Db 2904 GTATGCCCCGCGGATT 2919

RESULT 9
ABL03639/c
ID ABL03639 standard; cDNA; 3963 BP.
XX
AC ABL03639;
XX
DT 26-MAR-2002 (first entry)
XX
DE Drosophila melanogaster expressed polynucleotide SEQ ID NO 5399.
XX
KW Drosophila; developmental biology; cell signalling; insecticide;
KW pharmaceutical; gene; ss.
XX
OS Drosophila melanogaster.
XX
PN WO200171042-A2.
XX
PD 27-SEP-2001.
XX
PF 23-MAR-2001; 2001WO-US009231.
XX
PR 23-MAR-2000; 2000US-0191637P.
PR 11-JUL-2000; 2000US-00614150.
XX
PA (PEKE) PE CORP NY.
XX
PI Venter JC, Adams M, Li PWD, Myers EW;
XX
DR WPI; 2001-656860/75.
DR P-PSDB; ABB59536.
XX
PT New isolated nucleic acid detection reagent for detecting 1000 or more
PT genes from Drosophila and for elucidating cell signaling and cell-cell
PT interactions.
XX
PS Claim 1; SEQ ID NO 5399; 21pp + Sequence Listing; English.
XX
CC The invention relates to an isolated nucleic acid detection reagent
CC capable of detecting 1000 or more genes from Drosophila. The invention is
CC useful in developmental biology and in elucidating cell signalling and
CC cell-cell interactions in higher eukaryotes for the development of

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CC   insecticides, therapeutics and pharmaceutical drugs. The invention
CC   discloses genomic DNA sequences (ABL16176-ABL30511), expressed DNA
CC   sequences (ABL01840-ABL16175) and the encoded proteins (ABB57737-
CC   ABB72072). The sequence data for this patent did not form part of the
CC   printed specification, but was obtained in electronic format directly
CC   from WIPO at ftp.wipo.int/pub/published_pct_sequences
XX
SQ   Sequence 3963 BP; 924 A; 1087 C; 1143 G; 809 T; 0 U; 0 Other;

  Query Match             83.2%;  Score 15.8;  DB 4;  Length 3963;
  Best Local Similarity   89.5%;  Pred. No. 2.3e+02;
  Matches   17;  Conservative    0;  Mismatches    2;  Indels    0;  Gaps    0;

Qy          1 CGGTATGCCCCGCGGATTG 19
              ||||||||||| || |||||
Db       3519 CGGTATGCCCAGCAGATTG 3501


RESULT 10
ABL03638/c
ID   ABL03638 standard; cDNA; 10644 BP.
XX
AC   ABL03638;
XX
DT   26-MAR-2002  (first entry)
XX
DE   Drosophila melanogaster expressed polynucleotide SEQ ID NO 5396.
XX
KW   Drosophila; developmental biology; cell signalling; insecticide;
KW   pharmaceutical; gene; ss.
XX
OS   Drosophila melanogaster.
XX
PN   WO200171042-A2.
XX
PD   27-SEP-2001.
XX
PF   23-MAR-2001; 2001WO-US009231.
XX
PR   23-MAR-2000; 2000US-0191637P.
PR   11-JUL-2000; 2000US-00614150.
XX
PA   (PEKE ) PE CORP NY.
XX
PI   Venter JC,  Adams M,  Li PWD,  Myers EW;
XX
DR   WPI; 2001-656860/75.
DR   P-PSDB; ABB59535.
XX
PT   New isolated nucleic acid detection reagent for detecting 1000 or more
PT   genes from Drosophila and for elucidating cell signaling and cell-cell
PT   interactions.
XX
PS   Claim 1; SEQ ID NO 5396; 21pp + Sequence Listing; English.
XX
CC   The invention relates to an isolated nucleic acid detection reagent
CC   capable of detecting 1000 or more genes from Drosophila. The invention is
CC   useful in developmental biology and in elucidating cell signalling and
CC   cell-cell interactions in higher eukaryotes for the development of
CC   insecticides, therapeutics and pharmaceutical drugs. The invention
CC   discloses genomic DNA sequences (ABL16176-ABL30511), expressed DNA
CC   sequences (ABL01840-ABL16175) and the encoded proteins (ABB57737-
CC   ABB72072). The sequence data for this patent did not form part of the
CC   printed specification, but was obtained in electronic format directly
CC   from WIPO at ftp.wipo.int/pub/published_pct_sequences
XX
SQ   Sequence 10644 BP; 3004 A; 2372 C; 2437 G; 2831 T; 0 U; 0 Other;

  Query Match             83.2%;  Score 15.8;  DB 4;  Length 10644;
  Best Local Similarity   89.5%;  Pred. No. 2.3e+02;
  Matches   17;  Conservative    0;  Mismatches    2;  Indels    0;  Gaps    0;

Qy          1 CGGTATGCCCCGCGGATTG 19
              ||||||||||| || |||||
Db       9200 CGGTATGCCCAGCAGATTG 9182


RESULT 11
ACH99597/c
ID   ACH99597 standard; DNA; 216 BP.
XX
AC   ACH99597;
XX
DT   29-JUL-2004  (first entry)
XX
DE   Klebsiella pneumoniae polynucleotide seqid 5392.
XX
KW   Recombinant expression vector; transcription regulatory element;
KW   Klebsiella pneumoniae protein; antibacterial; Vaccine; gene; ds.
XX
OS   Klebsiella pneumoniae.
XX
PN   US6610836-B1.
XX
PD   26-AUG-2003.
XX
PF   27-JAN-2000; 2000US-00489039.
XX
PR   29-JAN-1999;   99US-0117747P.
XX
PA   (GENO-) GENOME THERAPEUTICS CORP.
XX
PI   Breton GL,  Osborne M;
XX
DR   WPI; 2003-895346/82.
DR   P-PSDB; ABO66046.
XX
PT   New nucleic acid encoding a Klebsiella pneumoniae polypeptide, useful for
PT   preparing a vaccine composition against Klebsiella pneumoniae.
XX
PS   Disclosure; SEQ ID NO 5392; 932pp; English.
XX
CC   The invention describes a new isolated nucleic acid encoding a Klebsiella
CC   pneumoniae polypeptide. Also described are: a recombinant expression
CC   vector comprising the nucleic acid, operably linked to a transcription
CC   regulatory element; and a cell comprising the recombinant expression
CC   vector. The nucleic acid is useful for preparing a vaccine composition
CC   against Klebsiella pneumoniae. This sequence encodes a Klebsiella
CC   pneumoniae polypeptide of the invention
XX
SQ   Sequence 216 BP; 51 A; 64 C; 57 G; 44 T; 0 U; 0 Other;

  Query Match             81.1%;  Score 15.4;  DB 11;  Length 216;
  Best Local Similarity   94.1%;  Pred. No. 3.7e+02;
  Matches   16;  Conservative    0;  Mismatches    1;  Indels    0;  Gaps    0;

Qy          2 GGTATGCCCCGCGGATT 18
              ||||||||||| |||||
Db        209 GGTATGCCCCGGGGATT 193


RESULT 12
AAI71515/c
ID   AAI71515 standard; DNA; 5124 BP.
XX
AC   AAI71515;
XX
DT   10-JAN-2002  (first entry)
XX
DE   Hepatitis E virus HEV-T1 sequence related DNA #2.
XX
KW   Hepatitis E virus; HEV-T1; hepatitis infection; ds.
XX
OS   Unidentified.
XX
PN   CN1300771-A.
```

```
XX
PD   27-JUN-2001.
XX
PF   23-DEC-1999;   99CN-00125741.
XX
PR   23-DEC-1999;   99CN-00125741.
XX
PA   (CHME-) CHINESE MEDICINE & BIOLOGIC PROD APPRAIS.
XX
PI   Wang Y,  Zhang H,  Li H;
XX
DR   WPI; 2001-550442/62.
XX
PT   Hepatitis E virus gene sequence and its application.
XX
PS   Claim 4; Page 27-29(Disclosure); 34pp; Chinese.
XX
CC   The present invention relates to a novel nucleotide sequence and protein
CC   of a new hepatitis E virus HEV-T1 and the application of the nucleotide
CC   sequence and protein in diagnosing, preventing and treating hepatitis.
CC   The present sequence is a DNA described in the exemplification of the
CC   invention
XX
SQ   Sequence 5124 BP; 968 A; 1421 C; 1379 G; 1356 T; 0 U; 0 Other;

  Query Match             81.1%;  Score 15.4;  DB 4;  Length 5124;
  Best Local Similarity   94.1%;  Pred. No. 3.7e+02;
  Matches   16;  Conservative    0;  Mismatches    1;  Indels    0;  Gaps    0;

Qy          2 GGTATGCCCCGCGGATT 18
              ||||||| |||||||||
Db       3343 GGTATGCACCGCGGATT 3327


RESULT 13
AAT27394/c
ID   AAT27394 standard; cDNA; 7158 BP.
XX
AC   AAT27394;
XX
DT   26-NOV-1996  (first entry)
XX
DE   Hepatitis E virus strain SAR-55 cDNA (ATCC 75302).
XX
KW   Hepatitis E virus; HEV; SAR-55 strain; enteric transmission;
KW   structural region; antigen; detection; antibody; vaccine; immunisation;
KW   infection; ss.
XX
OS   Hepatitis E virus.
XX
FH   Key             Location/Qualifiers
FT   CDS             28. .5099
FT                   /*tag=  a
FT                   /label= ORF-1 (AAR91813)
FT                   /transl_except= pos:3739. .3741, aa:Glu
FT                   /note= "10 bp nucleic acid sequence TGGTNTTYGA has to be
FT                   inserted between nucleotides 4390. .4391 for numbering to
FT                   conform to that given in the specification"
FT   CDS             5096. .5467
FT                   /*tag=  c
FT                   /label= ORF-3 (AAR91815)
FT                   /note= "10 bp nucleic acid sequence TGGTNTTYGA has to be
FT                   inserted between nucleotides 4390. .4391 for numbering to
FT                   conform to that given in the specification"
FT   CDS             5137. .7119
FT                   /*tag=  b
FT                   /label= ORF-2 (AAR91814)
FT                   /note= "10 bp nucleic acid sequence TGGTNTTYGA has to be
FT                   inserted between nucleotides 4390. .4391 for numbering to
FT                   conform to that given in the specification"
XX
PN   WO9610580-A2.
XX
PD   11-APR-1996.
XX
PF   03-OCT-1995;   95WO-US013102.
XX
PR   03-OCT-1994;   94US-00316765.
XX
PA   (USSH ) US DEPT HEALTH & HUMAN SERVICES.
XX
PI   Tsarev SA,  Emerson SU,  Purcell RH;
XX
DR   WPI; 1996-209320/21.
DR   P-PSDB; AAR91813, AAR91814, AAR91815.
XX
PT   Isolated and purified hepatitis E virus strain SAR-55 DNA - encodes
PT   antigenic protein useful in diagnosis, prophylaxis and treatment of
PT   hepatitis E virus infection.
XX
PS   Claim 2; Page 16-21; 121pp; English.
XX
CC   The present sequence is the cDNA of the hepatitis E virus (HEV) strain
CC   SAR-55, which was implicated in an enterically transmitted non-A, non-B
CC   hepatitis in Pakistan. The protein encoded by the structural region of
CC   the virus (i.e. ORF-2), which is capable of forming HEV like particles,
CC   is useful for the detection of HEV antibodies (pref. IgG or IgM) in
CC   blood, plasma, sera, cerebrospinal fluid, tissue, urine or pleural fluid.
CC   The protein, and anti-HEV antibodies generated using the protein, can
CC   also be used in vaccines for immunising an animal against HEV infection.
CC   The protein is identified as a band of greater than 50 kD following SDS-
CC   PAGE of cell lysates of insect cells infected with a HEV ORF-2 contg.
CC   baculovirus, i.e. the claimed recombinant expression vectors pPIC9-1779,
CC   -1780 and -1781
XX
SQ   Sequence 7158 BP; 1221 A; 2293 C; 1864 G; 1780 T; 0 U; 0 Other;

  Query Match             81.1%;  Score 15.4;  DB 2;  Length 7158;
  Best Local Similarity   94.1%;  Pred. No. 3.7e+02;
  Matches   16;  Conservative    0;  Mismatches    1;  Indels    0;  Gaps    0;

Qy          2 GGTATGCCCCGCGGATT 18
              ||||||| |||||||||
Db       3328 GGTATGCGCCGCGGATT 3312


RESULT 14
AAQ45197/c
ID   AAQ45197 standard; cDNA; 7168 BP.
XX
AC   AAQ45197;
XX
DT   16-OCT-2003  (revised)
DT   25-MAR-2003  (revised)
DT   21-OCT-1994  (first entry)
XX
DE   HEV strain SAR-55 cDNA sequence.
XX
KW   Hepatitis E virus; HEV; strain SAR-55; open reading frame; ORF; antibody;
KW   detection; diagnosis; primates; stool suspension; ss.
XX
OS   Hepatitis E virus; strain SAR-55.
XX
FH   Key             Location/Qualifiers
FT   CDS             28. .5109
FT                   /*tag=  a
FT                   /label= ORF-1
FT   misc_difference 3739. .3741
FT                   /*tag=  b
FT                   /codon= seq:cag, aa:Glu
FT   misc_difference 3757. .3759
FT                   /*tag=  c
FT                   /codon= seq:cag, aa:Glu
FT   misc_difference 4081. .4083
FT                   /*tag=  d
FT                   /codon= seq:gtg, aa:Glu
```

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FT   misc_difference 5011. .5013
FT                   /*tag=  e
FT                   /codon= seq:ggc, aa:Glu
FT   CDS             5106. .5457
FT                   /*tag=  h
FT                   /label= ORF-3
FT   CDS             5147. .7129
FT                   /*tag=  f
FT                   /label= ORF-2
FT   misc_difference 5780. .5782
FT                   /*tag=  g
FT                   /codon= seq:tgg, aa:Tyr
XX
PN   WO9406913-A2.
XX
PD   31-MAR-1994.
XX
PF   17-SEP-1993;   93WO-US008849.
XX
PR   18-SEP-1992;   92US-00947263.
XX
PA   (USSH ) US SEC DEPT HEALTH.
XX
PI   Tsarev SA,  Emerson SU,  Purcell RH;
XX
DR   WPI; 1994-118462/14.
DR   P-PSDB; AAR51264, AAR51265, AAR51266.
XX
PT   Purified hepatitis E strain SAR-55 virus - used to develop prods. for use
PT   in detection, diagnosis, vaccines and therapy of hepatitis E virus
PT   infection.
XX
PS   Claim 2; Page 16-20; 114pp; English.
XX
CC   This sequence represents the genomic sequence of the hepatitis E virus
CC   (HEV) strain SAR-55. This sequence contains three open reading frames
CC   (ORFs). The proteins encoded by this sequence can be used to stimulate
CC   the production of protective antibodies upon injection into a mammal that
CC   would serve to protect the mammal upon challenge with wild type HEV. The
CC   proteins can be used for detection and diagnosis of HEV infection. This
CC   cDNA was isolated from primates innoculated with stool suspensions
CC   obtained from hepatitis E patients. (Updated on 25-MAR-2003 to correct PN
CC   field.) (Updated on 16-OCT-2003 to standardise OS field)
XX
SQ   Sequence 7168 BP; 1223 A; 2294 C; 1867 G; 1784 T; 0 U; 0 Other;

  Query Match            81.1%;  Score 15.4;  DB 2;  Length 7168;
  Best Local Similarity   94.1%;  Pred. No. 3.7e+02;
  Matches   16;  Conservative    0;  Mismatches    1;  Indels    0;  Gaps    0;

Qy          2 GGTATGCCCCGCGGATT 18
              ||||||| |||||||||
Db       3328 GGTATGCGCCGCGGATT 3312


RESULT 15
AAV71604/c
ID   AAV71604 standard; DNA; 7168 BP.
XX
AC   AAV71604;
XX
DT   02-FEB-1999  (first entry)
XX
DE   Hepatitis E virus (HEV) polypeptides encoding nucleic acid SAR-55.
XX
KW   Hepatitis E virus; HEV; SAR-55; diagnostic agent; vaccine; antibody;
KW   passive immunisation; ss.
XX
OS   Hepatitis E virus.
XX
FH   Key             Location/Qualifiers
FT   CDS             28. .5109
FT                   /*tag=  a
FT                   /transl_except= (pos:3739. .3741, aa:Glu)
FT                   /transl_except= (pos:3757. .3759, aa:Glu)
FT                   /transl_except= (pos:4081. .4083, aa:Glu)
FT                   /transl_except= (pos:5011. .5013, aa:Glu)
FT                   /product= "ORF-1 protein"
FT   CDS             5106. .5477
FT                   /*tag=  c
FT                   /product= "ORF-3 protein"
FT   CDS             5147. .7129
FT                   /*tag=  b
FT                   /transl_except= (pos:5780. .5782, aa:Tyr)
FT                   /product= "ORF-2 protein"
XX
PN   WO9846761-A1.
XX
PD   22-OCT-1998.
XX
PF   09-APR-1998;   98WO-US007418.
XX
PR   11-APR-1997;   97US-00840316.
XX
PA   (USSH ) US DEPT HEALTH & HUMAN SERVICES.
XX
PI   Emerson SU,  Purcell RH,  Tsarev SA,  Robinson RA;
XX
DR   WPI; 1998-568733/48.
DR   P-PSDB; AAW81519, AAW81520, AAW81521.
XX
PT   New hepatitis E virus DNA from Pakistani strain SAR-55 - used for, e.g.
PT   developing products for diagnosis of, and vaccination against hepatitis E
PT   virus infection.
XX
PS   Disclosure; Page 126-131; 204pp; English.
XX
CC   This represents a DNA sequence designated SAR-55 encoding hepatitis E
CC   virus (HEV) ORF proteins ORF-1, ORF-2 and ORF-3. A host organism
CC   transformed or transfected with a recombinant expression vector
CC   containing the SAR-55 nucleic acid can be used to produce the HEV
CC   proteins, especially ORF-2 protein. The recombinant HEV proteins can be
CC   used as diagnostic agents and as vaccines for use against HEV infection.
CC   The detection of antibodies specific for HEV can be used for the
CC   diagnosis of infection and diseases caused by HEV, and for monitoring the
CC   progression of such disease. Such methods are also useful for monitoring
CC   the efficacy of therapeutic agents during the course of treatment of HEV
CC   infection and disease in a mammal. The antibodies can be used for
CC   detection or for passive immunisation of mammals
XX
SQ   Sequence 7168 BP; 1222 A; 2294 C; 1868 G; 1784 T; 0 U; 0 Other;

  Query Match            81.1%;  Score 15.4;  DB 2;  Length 7168;
  Best Local Similarity   94.1%;  Pred. No. 3.7e+02;
  Matches   16;  Conservative    0;  Mismatches    1;  Indels    0;  Gaps    0;

Qy          2 GGTATGCCCCGCGGATT 18
              ||||||| |||||||||
Db       3328 GGTATGCGCCGCGGATT 3312


RESULT 16
ADA50062/c
ID   ADA50062 standard; cDNA; 7204 BP.
XX
AC   ADA50062;
XX
DT   20-NOV-2003  (first entry)
XX
DE   SK-HEV-3 (variant) hepatitis E virus (HEV) Sar-55 strain cDNA sequence.
XX
KW   hepatitis E virus; HEV; Sar-55 strain; Pakastani strain; antiviral agent;
KW   vaccine; diagnostic assay; virucidal; hepatotropic; antiinflammatory;
KW   HEV infection; wild-type HEV; gene; ss; mutant.
XX
OS   Hepatitis E virus.
```

```
XX
FH   Key             Location/Qualifiers
FT   CDS             26. .5107
FT                   /*tag= a
FT                   /product= "Open reading frame (ORF) 1 protein"
FT   CDS             5104. .5475
FT                   /*tag= b
FT                   /product= "Open reading frame (ORF) 3 protein"
FT   CDS             5145. .7127
FT                   /*tag= c
FT                   /product= "Open reading frame (ORF) 2 protein"
XX
PN   WO2003063679-A2.
XX
PD   07-AUG-2003.
XX
PF   08-NOV-2002; 2002WO-US036096.
XX
PR   09-NOV-2001; 2001US-0350122P.
XX
PA   (USSH ) US DEPT HEALTH & HUMAN SERVICES.
XX
PI   Emerson SU,  Purcell RH,  Zhang M,  Meng X;
XX
DR   WPI; 2003-663409/62.
DR   P-PSDB; ADA50059, ADA50060, ADA50061.
XX
PT   New hepatitis E virus (HEV) nucleic acid molecules and proteins, useful
PT   for developing HEV vaccines, for detecting, preventing and treating HEV
PT   infection in mammals, or in screening assays for identifying antiviral
PT   agents against HEV.
XX
PS   Claim 31; Page 45-47; 60pp; English.
XX
CC   This invention relates to a novel nucleic acid molecule encoding the
CC   human hepatitis E virus (HEV), where the molecule is capable of
CC   expressing the virus when transfected into cells. In particular, full-
CC   length cDNA clones of the Sar-55 (Pakastani) strain of HEV that are
CC   infectious in primates are disclosed. The novel DNA sequences and the
CC   proteins encoded by them may enable the identification of antiviral
CC   agents for HEV. In addition they may be useful for the development of
CC   vaccines and diagnostic assays for HEV. The vaccines and compounds
CC   identified or developed may have virucidal, hepatotropic or
CC   antiinflammatory activities. They may therefore be useful for the
CC   treatment of HEV infection in mammals. The present sequence is that of
CC   the full length SK-HEV-3 (a variant form) HEV Sar-55 strain cDNA. This
CC   variant form contains a G to T substitution at position 7106 and a T to C
CC   substitution at position 7181 when compared to the wild-type sequence and
CC   encodes a for of the virus which is attenuated for chimpanzees and unable
CC   to infect rhesus monkeys.
XX
SQ   Sequence 7204 BP; 1232 A; 2303 C; 1872 G; 1797 T; 0 U; 0 Other;

  Query Match             81.1%;  Score 15.4;  DB 9;  Length 7204;
  Best Local Similarity   94.1%;  Pred. No. 3.7e+02;
  Matches   16;  Conservative    0;  Mismatches    1;  Indels    0;  Gaps    0;

Qy          2 GGTATGCCCCGCGGATT 18
              ||||||| |||||||||
Db       3326 GGTATGCGCCGCGGATT 3310


RESULT 17
ADA50065/c
ID   ADA50065 standard; cDNA; 7204 BP.
XX
AC   ADA50065;
XX
DT   20-NOV-2003  (first entry)
XX
DE   Hepatitis E virus (HEV) Sar-55 strain cDNA sequence variant form 3.
XX
KW   hepatitis E virus; HEV; Sar-55 strain; Pakastani strain; antiviral agent;
KW   vaccine; diagnostic assay; virucidal; hepatotropic; antiinflammatory;
KW   HEV infection; wild-type HEV; gene; ss; mutant.
XX
OS   Hepatitis E virus.
XX
FH   Key             Location/Qualifiers
FT   CDS             26. .5107
FT                   /*tag= a
FT                   /product= "Open reading frame (ORF) 1 protein"
FT   CDS             5104. .5475
FT                   /*tag= b
FT                   /product= "Open reading frame (ORF) 3 protein"
FT   CDS             5145. .7127
FT                   /*tag= c
FT                   /product= "Open reading frame (ORF) 2 protein"
XX
PN   WO2003063679-A2.
XX
PD   07-AUG-2003.
XX
PF   08-NOV-2002; 2002WO-US036096.
XX
PR   09-NOV-2001; 2001US-0350122P.
XX
PA   (USSH ) US DEPT HEALTH & HUMAN SERVICES.
XX
PI   Emerson SU,  Purcell RH,  Zhang M,  Meng X;
XX
DR   WPI; 2003-663409/62.
DR   P-PSDB; ADA50059, ADA50060, ADA50061.
XX
PT   New hepatitis E virus (HEV) nucleic acid molecules and proteins, useful
PT   for developing HEV vaccines, for detecting, preventing and treating HEV
PT   infection in mammals, or in screening assays for identifying antiviral
PT   agents against HEV.
XX
PS   Claim 31; Page 52-54; 60pp; English.
XX
CC   This invention relates to a novel nucleic acid molecule encoding the
CC   human hepatitis E virus (HEV), where the molecule is capable of
CC   expressing the virus when transfected into cells. In particular, full-
CC   length cDNA clones of the Sar-55 (Pakastani) strain of HEV that are
CC   infectious in primates are disclosed. The novel DNA sequences and the
CC   proteins encoded by them may enable the identification of antiviral
CC   agents for HEV. In addition they may be useful for the development of
CC   vaccines and diagnostic assays for HEV. The vaccines and compounds
CC   identified or developed may have virucidal, hepatotropic or
CC   antiinflammatory activities. They may therefore be useful for the
CC   treatment of HEV infection in mammals. The present sequence is that of
CC   the full length SK-HEV-3 (a variant form) HEV Sar-55 strain cDNA with an
CC   additional C7144A mutation. This variant form also contains a G to T
CC   substitution at position 7106 and a T to C substitution at position 7181
CC   when compared to the wild-type sequence and was identified in the
CC   examples of the specification.
XX
SQ   Sequence 7204 BP; 1233 A; 2302 C; 1872 G; 1797 T; 0 U; 0 Other;

  Query Match             81.1%;  Score 15.4;  DB 9;  Length 7204;
  Best Local Similarity   94.1%;  Pred. No. 3.7e+02;
  Matches   16;  Conservative    0;  Mismatches    1;  Indels    0;  Gaps    0;

Qy          2 GGTATGCCCCGCGGATT 18
              ||||||| |||||||||
Db       3326 GGTATGCGCCGCGGATT 3310


RESULT 18
ADA50064/c
ID   ADA50064 standard; cDNA; 7204 BP.
XX
AC   ADA50064;
XX
DT   20-NOV-2003  (first entry)
```

```
XX
DE   Hepatitis E virus (HEV) Sar-55 strain cDNA sequence variant form 2.
XX
KW   hepatitis E virus; HEV; Sar-55 strain; Pakastani strain; antiviral agent;
KW   vaccine; diagnostic assay; virucidal; hepatotropic; antiinflammatory;
KW   HEV infection; wild-type HEV; gene; ss; mutant.
XX
OS   Hepatitis E virus.
XX
FH   Key             Location/Qualifiers
FT   CDS             26. .5107
FT                   /*tag= a
FT                   /product= "Open reading frame (ORF) 1 protein"
FT   CDS             5104. .5475
FT                   /*tag= b
FT                   /product= "Open reading frame (ORF) 3 protein"
FT   CDS             5145. .7127
FT                   /*tag= c
FT                   /product= "Open reading frame (ORF) 2 protein"
XX
PN   WO2003063679-A2.
XX
PD   07-AUG-2003.
XX
PF   08-NOV-2002; 2002WO-US036096.
XX
PR   09-NOV-2001; 2001US-0350122P.
XX
PA   (USSH ) US DEPT HEALTH & HUMAN SERVICES.
XX
PI   Emerson SU,  Purcell RH,  Zhang M,  Meng X;
XX
DR   WPI; 2003-663409/62.
DR   P-PSDB; ADA50059, ADA50060, ADA50061.
XX
PT   New hepatitis E virus (HEV) nucleic acid molecules and proteins, useful
PT   for developing HEV vaccines, for detecting, preventing and treating HEV
PT   infection in mammals, or in screening assays for identifying antiviral
PT   agents against HEV.
XX
PS   Claim 31; Page 50-52; 60pp; English.
XX
CC   This invention relates to a novel nucleic acid molecule encoding the
CC   human hepatitis E virus (HEV), where the molecule is capable of
CC   expressing the virus when transfected into cells. In particular, full-
CC   length cDNA clones of the Sar-55 (Pakastani) strain of HEV that are
CC   infectious in primates are disclosed. The novel DNA sequences and the
CC   proteins encoded by them may enable the identification of antiviral
CC   agents for HEV. In addition they may be useful for the development of
CC   vaccines and diagnostic assays for HEV. The vaccines and compounds
CC   identified or developed may have virucidal, hepatotropic or
CC   antiinflammatory activities. They may therefore be useful for the
CC   treatment of HEV infection in mammals. The present sequence is that of
CC   the full length SK-HEV-3 (a variant form) HEV Sar-55 strain cDNA with an
CC   additional G7097A mutation. This variant form also contains a G to T
CC   substitution at position 7106 and a T to C substitution at position 7181
CC   when compared to the wild-type sequence and was identified in the
CC   examples of the specification.
XX
SQ   Sequence 7204 BP; 1233 A; 2303 C; 1871 G; 1797 T; 0 U; 0 Other;

  Query Match             81.1%;  Score 15.4;  DB 9;  Length 7204;
  Best Local Similarity   94.1%;  Pred. No. 3.7e+02;
  Matches   16;  Conservative    0;  Mismatches    1;  Indels    0;  Gaps    0;

Qy          2 GGTATGCCCCGCGGATT 18
              ||||||| |||||||||
Db       3326 GGTATGCGCCGCGGATT 3310


RESULT 19
ADA50063/c
ID   ADA50063 standard; cDNA; 7204 BP.
XX
AC   ADA50063;
XX
DT   20-NOV-2003  (first entry)
XX
DE   SK-HEV-2 (wild-type) hepatitis E virus (HEV) Sar-55 strain cDNA sequence.
XX
KW   hepatitis E virus; HEV; Sar-55 strain; Pakastani strain; antiviral agent;
KW   vaccine; diagnostic assay; virucidal; hepatotropic; antiinflammatory;
KW   HEV infection; wild-type HEV; gene; ss.
XX
OS   Hepatitis E virus.
XX
FH   Key             Location/Qualifiers
FT   CDS             26. .5107
FT                   /*tag= a
FT                   /product= "Open reading frame (ORF) 1 protein"
FT   CDS             5104. .5475
FT                   /*tag= b
FT                   /product= "Open reading frame (ORF) 3 protein"
FT   CDS             5145. .7127
FT                   /*tag= c
FT                   /product= "Open reading frame (ORF) 2 protein"
XX
PN   WO2003063679-A2.
XX
PD   07-AUG-2003.
XX
PF   08-NOV-2002; 2002WO-US036096.
XX
PR   09-NOV-2001; 2001US-0350122P.
XX
PA   (USSH ) US DEPT HEALTH & HUMAN SERVICES.
XX
PI   Emerson SU,  Purcell RH,  Zhang M,  Meng X;
XX
DR   WPI; 2003-663409/62.
DR   P-PSDB; ADA50059, ADA50060, ADA50061.
XX
PT   New hepatitis E virus (HEV) nucleic acid molecules and proteins, useful
PT   for developing HEV vaccines, for detecting, preventing and treating HEV
PT   infection in mammals, or in screening assays for identifying antiviral
PT   agents against HEV.
XX
PS   Claim 3; Page 47-50; 60pp; English.
XX
CC   This invention relates to a novel nucleic acid molecule encoding the
CC   human hepatitis E virus (HEV), where the molecule is capable of
CC   expressing the virus when transfected into cells. In particular, full-
CC   length cDNA clones of the Sar-55 (Pakastani) strain of HEV that are
CC   infectious in primates are disclosed. The novel DNA sequences and the
CC   proteins encoded by them may enable the identification of antiviral
CC   agents for HEV. In addition they may be useful for the development of
CC   vaccines and diagnostic assays for HEV. The vaccines and compounds
CC   identified or developed may have virucidal, hepatotropic or
CC   antiinflammatory activities. They may therefore be useful for the
CC   treatment of HEV infection in mammals. The present sequence is that of
CC   the full length SK-HEV-2 (wild-type) HEV Sar-55 strain cDNA.
XX
SQ   Sequence 7204 BP; 1232 A; 2302 C; 1873 G; 1797 T; 0 U; 0 Other;

  Query Match             81.1%;  Score 15.4;  DB 9;  Length 7204;
  Best Local Similarity   94.1%;  Pred. No. 3.7e+02;
  Matches   16;  Conservative    0;  Mismatches    1;  Indels    0;  Gaps    0;

Qy          2 GGTATGCCCCGCGGATT 18
              ||||||| |||||||||
Db       3326 GGTATGCGCCGCGGATT 3310


RESULT 20
AAI71514/c
ID   AAI71514 standard; DNA; 7232 BP.
```

```
XX
AC   AAI71514;
XX
DT   10-JAN-2002  (first entry)
XX
DE   Hepatitis E virus HEV-T1 sequence related DNA #1.
XX
KW   Hepatitis E virus; HEV-T1; hepatitis infection; ds.
XX
OS   Unidentified.
XX
PN   CN1300771-A.
XX
PD   27-JUN-2001.
XX
PF   23-DEC-1999;   99CN-00125741.
XX
PR   23-DEC-1999;   99CN-00125741.
XX
PA   (CHME-) CHINESE MEDICINE & BIOLOGIC PROD APPRAIS.
XX
PI   Wang Y,  Zhang H,  Li H;
XX
DR   WPI; 2001-550442/62.
XX
PT   Hepatitis E virus gene sequence and its application.
XX
PS   Example 1; Page 24-27(Disclosure); 34pp; Chinese.
XX
CC   The present invention relates to a novel nucleotide sequence and protein
CC   of a new hepatitis E virus HEV-T1 and the application of the nucleotide
CC   sequence and protein in diagnosing, preventing and treating hepatitis.
CC   The present sequence is a DNA described in the exemplification of the
CC   invention
XX
SQ   Sequence 7232 BP; 1342 A; 2056 C; 1876 G; 1958 T; 0 U; 0 Other;

  Query Match             81.1%;  Score 15.4;  DB 4;  Length 7232;
  Best Local Similarity   94.1%;  Pred. No. 3.7e+02;
  Matches   16;  Conservative    0;  Mismatches    1;  Indels    0;  Gaps    0;

Qy          2 GGTATGCCCCGCGGATT 18
              ||||||| |||||||||
Db       3368 GGTATGCACCGCGGATT 3352


RESULT 21
ACA55580/c
ID   ACA55580 standard; cDNA; 263 BP.
XX
AC   ACA55580;
XX
DT   06-JUN-2003  (first entry)
XX
DE   Human signalling pathway polynucleotide probe SEQ ID NO 178.
XX
KW   Human; probe; ss; array element; Parkinson's disease;
KW   signalling pathway population; cancer; adenocarcinoma; leukaemia;
KW   immunopathy; AIDS; asthma; neuropathy; Alzheimer's disease; microarray.
XX
OS   Homo sapiens.
XX
PN   US6500938-B1.
XX
PD   31-DEC-2002.
XX
PF   30-JAN-1998;   98US-00016434.
XX
PR   30-JAN-1998;   98US-00016434.
XX
PA   (INCY-) INCYTE GENOMICS INC.
XX
PI   Au-Young J,  Seilhamer JJ;
XX
DR   WPI; 2003-352189/33.
XX
PT   Combination of polynucleotide probes, useful as array elements in a
PT   microarray for monitoring the expression of a number of target
PT   polynucleotides.
XX
PS   Claim 1; SEQ ID NO 178; 65pp; English.
XX
CC   The invention relates to a combination which, comprises a number of
CC   polynucleotide probes comprising a sequence selected from one of the 1490
CC   sequences mentioned in the specification. The combination is useful as an
CC   array element in a microarray for monitoring the expression of a number
CC   of target polynucleotides. The microarray is particularly useful in the
CC   diagnosis and treatment of cancer and immunopathology and neuropathology.
CC   The microarray is useful in diagnostics and treatment regimens, drug
CC   discovery and development, toxicological and carcinogenicity studies,
CC   forensics and pharmacogenomics. The microarray is also useful for
CC   monitoring progression of diseases and for developing sophisticated
CC   profiles for the effects of currently available therapeutic drugs. The
CC   combination is also useful for purifying a subpopulation of mRNAs, cDNAs
CC   and genomic fragments and in research and diagnostic applications. The
CC   array can detect changes in expression in a large number of genes coding
CC   for different signaling pathway populations which can be used to diagnose
CC   various diseases including cancer e.g. adenocarcinoma and leukaemia,
CC   immunopathies e.g. AIDS and asthma, neuropathies e.g. Alzheimer's disease
CC   and Parkinson's disease. The present sequence represents a polynucleotide
CC   probe of the invention. Note: The sequence data for this patent did not
CC   form part of the printed specification but was obtained in electronic
CC   format directly from USPTO at
CC   seqdata.uspto.gov/sequence.html?DocID=06500938B1
XX
SQ   Sequence 263 BP; 60 A; 80 C; 79 G; 44 T; 0 U; 0 Other;

  Query Match             77.9%;  Score 14.8;  DB 10;  Length 263;
  Best Local Similarity   88.9%;  Pred. No. 7.6e+02;
  Matches   16;  Conservative    0;  Mismatches    2;  Indels    0;  Gaps    0;

Qy          2 GGTATGCCCCGCGGATTG 19
              ||||||||| |||||| |
Db        173 GGTATGCCCTGCGGATGG 156


RESULT 22
ADI55376/c
ID   ADI55376 standard; DNA; 263 BP.
XX
AC   ADI55376;
XX
DT   22-APR-2004  (first entry)
XX
DE   Human polynucleotide probe #178.
XX
KW   Human; probe; ss; receptor-like polypeptide; transducing polypeptide;
KW   effector-like polypeptide; cancer; immunopathology; neuropathology;
KW   drug development; toxicology; carcinogenicity;
KW   signalling pathway polypeptide; adrenal gland; bladder; bone;
KW   bone marrow; brain; breast; cervix; tumour; immunopathology; AIDS;
KW   diabetes; pancreatitis; osteoporosis; ulcerative colitis; neuropathology;
KW   dementia; amnesia; epilepsy; Alzheimer's disease; depression.
XX
OS   Homo sapiens.
XX
PN   US2004010136-A1.
XX
PD   15-JAN-2004.
XX
PF   26-NOV-2002; 2002US-00305720.
XX
PR   30-JAN-1998;   98US-00016434.
XX
PA   (INCY-) INCYTE GENOMICS INC.
XX
```

PI Au-Young J, Seilhamer JJ;
XX
DR WPI; 2004-090520/09.
XX
PT New composition comprising polynucleotide probes, useful as array
PT elements in a microarray for monitoring the expression of target
PT polynucleotides or purifying a subpopulation of mRNAs, cDNA, or genomic
PT fragments.
XX
PS Claim 6; SEQ ID NO 178; 73pp; English.
XX
CC The invention relates to a composition of polynucleotide probes
CC comprising first polynucleotide probes comprising at least a portion of a
CC gene encoding a receptor-like polypeptide, second polynucleotide probes
CC comprising at least a portion of a gene encoding a transducing
CC polypeptide and third polynucleotide probes comprising at least a portion
CC of a gene encoding an effector-like polypeptide. The probes of the
CC composition are useful as array elements in a microarray for monitoring
CC the expression of target polynucleotides. The microarray is useful in the
CC diagnosis and treatment of cancer, an immunopathology or a
CC neuropathology. It can also be used for drug discovery and development,
CC toxicological and carcinogenicity studies, forensics or pharmacogenomics.
CC Microarrays can also be used for monitoring the progression of diseases
CC that may be associated with the altered expression of signalling pathway
CC polypeptides. The composition can also be used to purify a subpopulation
CC of mRNAs, cDNAs, or genomic fragments in a sample. The expression profile
CC is also useful for the diagnosis and treatment of cancer, e.g. cancers of
CC the adrenal gland, bladder, bone, bone marrow, brain, breast or cervix,
CC an immunopathology, e.g. AIDS, diabetes, pancreatitis, osteoporosis or
CC ulcerative colitis, or a neuropathology, e.g. dementia, amnesia,
CC epilepsy, Alzheimer's disease or depression. This sequence represents a
CC human polynucleotide probe of the invention. Note: The sequence data for
CC this patent did not form part of the printed specification but was
CC obtained in electronic format directly from USPTO at
CC seqdata.uspto.gov/sequence.html.
XX
SQ Sequence 263 BP; 60 A; 80 C; 79 G; 44 T; 0 U; 0 Other;

Query Match 77.9%; Score 14.8; DB 12; Length 263;
Best Local Similarity 88.9%; Pred. No. 7.6e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 2 GGTATGCCCCGCGGATTG 19
||||||||| |||||| |
Db 173 GGTATGCCCTGCGGATGG 156

RESULT 23
ACH81246
ID ACH81246 standard; DNA; 398 BP.
XX
AC ACH81246;
XX
DT 29-JUL-2004 (first entry)
XX
DE Human genome derived single exon probe #14441.
XX
KW Human; probe; ss; gene expression; single exon probe; microarray;
KW alternative splicing event; genomic alteration.
XX
OS Homo sapiens.
XX
PN US2003194704-A1.
XX
PD 16-OCT-2003.
XX
PF 03-APR-2002; 2002US-00029386.
XX
PR 03-APR-2002; 2002US-00029386.
XX
PA (PENN/) PENN S G.
PA (RANK/) RANK D R.
PA (HANZ/) HANZEL D K.
XX
PI Penn SG, Rank DR, Hanzel DK;
XX
DR WPI; 2004-119264/12.
XX
PT New human genome-derived single exon nucleic acid probes useful for human
PT gene expression analysis, for identifying or characterizing alternative
PT splicing events, for assessing genomic alterations or as tools for
PT surveying tissues.
XX
PS Claim 1; SEQ ID NO 14441; 80pp; English.
XX
CC The invention relates to a nucleic acid probe for measuring human gene
CC expression, comprising any of the 27,400 fully defined nucleotide
CC sequences in the specification, or their complements or fragments, and
CC encoding at least 8 amino acids of any of the 6888 amino acid sequences
CC fully defined in the specification. The probe is a single exon probe that
CC hybridises under high stringency conditions to a nucleic acid molecule
CC expressed in human cells or tissues. Also included are a spatially-
CC addressable set of single exon nucleic acid probes for measuring human
CC gene expression (comprising a plurality of single exon nucleic acid
CC probes cited above, where each of the plurality of probes is separately
CC and addressably isolatable or amplifiable from the plurality), a single
CC exon microarray for measuring human gene expression, a method of
CC measuring human gene expression, a vector comprising the single exon
CC probe cited above, an ORF-encoded peptide comprising at least 8
CC contiguous amino acids of any of the above- mentioned amino acid
CC sequences (optionally with conservative amino acid substitutions), an
CC isolated antibody that binds specifically to a peptide cited above,
CC methods of selling and/or licensing single exon probes or microarrays to
CC a customer desiring to measure gene expression, a method of providing
CC human gene expression data by subscription, and a computer-readable
CC storage medium which contains a database having a plurality of records
CC (each record including data on the expression of a single exon probe
CC cited above. The probe, methods and apparatus are useful in gene
CC expression analysis. The probes may be used as tools for surveying
CC tissues to detect the presence of expressed messages that contain their
CC specific exon, or in constructing genome-derived single exon microarrays.
CC In addition, the probes are used in identifying and characterising
CC alternative splicing events, in detecting and characterising gross
CC alterations in the genomic locus that includes their exon, in assessing
CC smaller genomic alterations, in priming the synthesis of nucleic acids,
CC or in expressing the ORF-encoded peptide. The present sequence is a human
CC single exon probe of the invention. Note: The sequence data for this
CC patent did not form part of the printed specification, but was obtained
CC in electronic format directly from USPTO at
CC seqdata.uspto.gov/sequence.html?DocID=20030194704
XX
SQ Sequence 398 BP; 63 A; 118 C; 123 G; 94 T; 0 U; 0 Other;

Query Match 77.9%; Score 14.8; DB 12; Length 398;
Best Local Similarity 88.9%; Pred. No. 7.6e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 2 GGTATGCCCCGCGGATTG 19
||||||||| |||||| |
Db 209 GGTATGCCCTGCGGATGG 226

RESULT 24
ABK54586
ID ABK54586 standard; cDNA; 465 BP.
XX
AC ABK54586;
XX
DT 18-JUN-2002 (first entry)
XX
DE Human colon cancer-associated cDNA, SEQ ID No 56.
XX
KW Human; colon cancer; immunogenic; vaccine; tumour; gene; ss.
XX
OS Homo sapiens.
XX

```
PN   WO200212280-A2.
XX
PD   14-FEB-2002.
XX
PF   30-JUL-2001; 2001WO-US023826.
XX
PR   03-AUG-2000; 2000US-0223265P.
PR   02-OCT-2000; 2000US-0237406P.
PR   20-MAR-2001; 2001US-0277495P.
PR   03-JUL-2001; 2001US-0302702P.
XX
PA   (CORI-) CORIXA CORP.
XX
PI   Pyle RA,  Xu J,  Secrist H;
XX
DR   WPI; 2002-257462/30.
XX
PT   Novel polynucleotide encoding colon tumor polypeptides, useful as
PT   vaccines for treating colon cancers.
XX
PS   Claim 1; Page 166; 425pp; English.
XX
CC   The invention relates to isolated polynucleotides (I) encoding colon
CC   tumour polypeptides (II). (I) is useful for stimulating an immune
CC   response in a patient and treating colon cancer in a patient.
CC   Oligonucleotides derived from (I) are useful for determining the presence
CC   of cancer in a patient. (I) and (II) are useful in pharmaceutical
CC   compositions, e.g. vaccines, and other compositions for the diagnosis and
CC   treatment of colon cancer. A composition comprising a first component
CC   selected from physiologically acceptable carriers and immunostimulants,
CC   and an antigen-presenting cell expressing (II) is useful for inhibiting
CC   development of cancer in a patient. (I) is useful in the design and
CC   preparation of ribozyme molecules for inhibiting expression of tumour
CC   polypeptides and (I). ABK54531-ABK55464 represent human colon cancer cDNA
CC   sequences of the invention
XX
SQ   Sequence 465 BP; 130 A; 124 C; 124 G; 84 T; 0 U; 3 Other;

  Query Match             77.9%;  Score 14.8;  DB 6;  Length 465;
  Best Local Similarity   88.9%;  Pred. No. 7.6e+02;
  Matches   16;  Conservative    0;  Mismatches    2;  Indels    0;  Gaps    0;

Qy          1 CGGTATGCCCCGCGGATT 18
              |||| ||||||| |||||
Db        386 CGGTTTGCCCCGGGGATT 403


RESULT 25
ACH28875/c
ID   ACH28875 standard; cDNA; 478 BP.
XX
AC   ACH28875;
XX
DT   13-OCT-2003  (first entry)
XX
DE   Human adult ovary cDNA #7255.
XX
KW   Human; ss; sequencing by hybridisation; SBH; expressed sequence tag; EST;
KW   genome mapping; biodiversity; genetic disorder.
XX
OS   Homo sapiens.
XX
PN   US2003073623-A1.
XX
PD   17-APR-2003.
XX
PF   30-JUL-2001; 2001US-00918995.
XX
PR   30-JUL-2001; 2001US-00918995.
XX
PA   (DRMA/) DRMANAC R T.
PA   (LABA/) LABAT I.
PA   (STAC/) STACHE-CRAIN B.
PA   (DICK/) DICKSON M C.
PA   (JONE/) JONES L W.
XX
PI   Drmanac RT,  Labat I,  Stache-Crain B,  Dickson MC,  Jones LW;
XX
DR   WPI; 2003-615964/58.
XX
PT   New polynucleotide sequences obtained from various cDNA libraries, useful
PT   as hybridization probes, as oligomers for PCR, for chromosome and gene
PT   mapping, in the recombinant production of protein, or in generating
PT   antisense DNA or RNA.
XX
PS   Claim 1; SEQ ID NO 16087; 44pp; English.
XX
CC   The invention relates to an isolated polynucleotide comprising any one of
CC   38043 cDNA sequences, appearing as ACH12789-ACH50831, whose sequence was
CC   determined by the technique of SBH (sequencing by hybridisation). Also
CC   included is a purified polypeptide comprising a sequence corresponding to
CC   a reading frame of the novel polynucleotide. The nucleic acid sequences
CC   are useful in diagnostics as expressed sequence tags (EST) for
CC   identifying expressed genes or for physical mapping of the human genome,
CC   in forensics, in assessing biodiversities, or in identifying mutations
CC   responsible for genetic disorders and other traits. The nucleotide
CC   sequences are also useful as hybridisation probes, as oligomers for PCR,
CC   for chromosome and gene mapping, in the recombinant production of
CC   protein, or in generating antisense DNA or RNA. The purified polypeptide
CC   is useful for generating antibodies specific for it. The present sequence
CC   is one of the 38043 isolated cDNA/EST sequences. Note: The sequence data
CC   for this patent did not form part of the printed specification, but was
CC   obtained in electronic format directly from USPTO at
CC   seqdata.uspto.gov/sequence.html?DocID=20030073623
XX
SQ   Sequence 478 BP; 115 A; 146 C; 141 G; 76 T; 0 U; 0 Other;

  Query Match             77.9%;  Score 14.8;  DB 9;  Length 478;
  Best Local Similarity   88.9%;  Pred. No. 7.6e+02;
  Matches   16;  Conservative    0;  Mismatches    2;  Indels    0;  Gaps    0;

Qy          2 GGTATGCCCCGCGGATTG 19
              ||||||||| |||||| |
Db         72 GGTATGCCCTGCGGATGG 55


RESULT 26
ACH67542
ID   ACH67542 standard; DNA; 546 BP.
XX
AC   ACH67542;
XX
DT   29-JUL-2004  (first entry)
XX
DE   Human genome derived single exon probe #737.
XX
KW   Human; probe; ss; gene expression; single exon probe; microarray;
KW   alternative splicing event; genomic alteration.
XX
OS   Homo sapiens.
XX
PN   US2003194704-A1.
XX
PD   16-OCT-2003.
XX
PF   03-APR-2002; 2002US-00029386.
XX
PR   03-APR-2002; 2002US-00029386.
XX
PA   (PENN/) PENN S G.
PA   (RANK/) RANK D R.
PA   (HANZ/) HANZEL D K.
XX
PI   Penn SG,  Rank DR,  Hanzel DK;
XX
DR   WPI; 2004-119264/12.
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```
XX
PT   New human genome-derived single exon nucleic acid probes useful for human
PT   gene expression analysis, for identifying or characterizing alternative
PT   splicing events, for assessing genomic alterations or as tools for
PT   surveying tissues.
XX
PS   Claim 15; SEQ ID NO 737; 80pp; English.
XX
CC   The invention relates to a nucleic acid probe for measuring human gene
CC   expression, comprising any of the 27,400 fully defined nucleotide
CC   sequences in the specification, or their complements or fragments, and
CC   encoding at least 8 amino acids of any of the 6888 amino acid sequences
CC   fully defined in the specification. The probe is a single exon probe that
CC   hybridises under high stringency conditions to a nucleic acid molecule
CC   expressed in human cells or tissues. Also included are a spatially-
CC   addressable set of single exon nucleic acid probes for measuring human
CC   gene expression (comprising a plurality of single exon nucleic acid
CC   probes cited above, where each of the plurality of probes is separately
CC   and addressably isolatable or amplifiable from the plurality), a single
CC   exon microarray for measuring human gene expression, a method of
CC   measuring human gene expression, a vector comprising the single exon
CC   probe cited above, an ORF-encoded peptide comprising at least 8
CC   contiguous amino acids of any of the above- mentioned amino acid
CC   sequences (optionally with conservative amino acid substitutions), an
CC   isolated antibody that binds specifically to a peptide cited above,
CC   methods of selling and/or licensing single exon probes or microarrays to
CC   a customer desiring to measure gene expression, a method of providing
CC   human gene expression data by subscription, and a computer-readable
CC   storage medium which contains a database having a plurality of records
CC   (each record including data on the expression of a single exon probe
CC   cited above. The probe, methods and apparatus are useful in gene
CC   expression analysis. The probes may be used as tools for surveying
CC   tissues to detect the presence of expressed messages that contain their
CC   specific exon, or in constructing genome-derived single exon microarrays.
CC   In addition, the probes are used in identifying and characterising
CC   alternative splicing events, in detecting and characterising gross
CC   alterations in the genomic locus that includes their exon, in assessing
CC   smaller genomic alterations, in priming the synthesis of nucleic acids,
CC   or in expressing the ORF-encoded peptide. The present sequence is a human
CC   single exon probe of the invention. Note: The sequence data for this
CC   patent did not form part of the printed specification, but was obtained
CC   in electronic format directly from USPTO at
CC   seqdata.uspto.gov/sequence.html?DocID=20030194704
XX
SQ   Sequence 546 BP; 92 A; 164 C; 166 G; 124 T; 0 U; 0 Other;

  Query Match             77.9%;  Score 14.8;  DB 12;  Length 546;
  Best Local Similarity   88.9%;  Pred. No. 7.6e+02;
  Matches   16;  Conservative    0;  Mismatches    2;  Indels    0;  Gaps    0;

Qy          2 GGTATGCCCCGCGGATTG 19
              ||||||||| |||||| |
Db        311 GGTATGCCCTGCGGATGG 328


RESULT 27
AAQ26983
ID   AAQ26983 standard; DNA; 605 BP.
XX
AC   AAQ26983;
XX
DT   21-JAN-1993  (first entry)
XX
DE   HCV gene 3.
XX
KW   Recombinant vector; E. coli; diagnostic; reagent; type C hepatitis; ss.
XX
OS   Hepatitis C virus.
XX
FH   Key             Location/Qualifiers
FT   CDS             3. .605
FT                   /*tag=  a
XX
PN   JP04179482-A.
XX
PD   26-JUN-1992.
XX
PF   11-NOV-1990;   90JP-00304417.
XX
PR   11-NOV-1990;   90JP-00304417.
XX
PA   (TOKU ) TOKUYAMA SODA KK.
XX
DR   WPI; 1992-263663/32.
DR   P-PSDB; AAR25856.
XX
PT   Hepatitis C virus antigen expressed as recombinant in E.coli - useful for
PT   diagnosis of hepatitis C virus infection.
XX
PS   Claim 2; Page 7; 66pp; Japanese.
XX
CC   The sequences given in AAQ26981-7001 are hepatitis C virus genes. These
CC   genes can each be used to prepare recombinant vectors by ligating the
CC   gene of interest in to a vector to be expressed in E. coli. The
CC   polypeptides encoded by these genes are useful as diagnostic reagents for
CC   type C hepatitis and they may be produced efficiently by recombinant
CC   methods
XX
SQ   Sequence 605 BP; 118 A; 170 C; 176 G; 141 T; 0 U; 0 Other;

  Query Match             77.9%;  Score 14.8;  DB 2;  Length 605;
  Best Local Similarity   88.9%;  Pred. No. 7.6e+02;
  Matches   16;  Conservative    0;  Mismatches    2;  Indels    0;  Gaps    0;

Qy          2 GGTATGCCCCGCGGATTG 19
              ||| |||||| |||||||
Db        128 GGTCTGCCCCACGGATTG 145


RESULT 28
ADO26863/c
ID   ADO26863 standard; cDNA; 638 BP.
XX
AC   ADO26863;
XX
DT   12-AUG-2004  (first entry)
XX
DE   cDNA encoding human receptors and membrane-associated protein, REMAP-4.
XX
KW   Human; receptors and membrane-associated protein; REMAP;
KW   cell proliferative disorder; autoimmune disorder; inflammatory disorder;
KW   neurological disorder; infection; developmental disorder;
KW   nervous system disorder; mental disorder; metabolic disorder;
KW   hepatotropic; antipsoriatic; nootropic; neuroprotective;
KW   antiparkinsonian; anticonvulsant; anorectic; osteopathic; anabolic;
KW   hypertensive; anti-HIV; antiasthmatic; antianaemic; ophthalmological;
KW   thrombolytic; anticoagulant; gene; ss.
XX
OS   Homo sapiens.
XX
PN   WO2004044159-A2.
XX
PD   27-MAY-2004.
XX
PF   10-NOV-2003; 2003WO-US035752.
XX
PR   12-NOV-2002; 2002US-0425404P.
PR   15-JAN-2003; 2003US-0440907P.
PR   24-JAN-2003; 2003US-0442477P.
PR   18-FEB-2003; 2003US-0448565P.
PR   04-APR-2003; 2003US-0460716P.
PR   09-APR-2003; 2003US-0461853P.
XX
PA   (INCY-) INCYTE CORP.
XX
PI   Lee SY,  Swarnakar A,  Murage J,  Khare R,  Hafalia AJA,  Chawla NK;
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PI Elliott VS, Tran UK, Becha SD, Bhatia U, Burrill JD, Lee S;
PI Blake JJ, Ho A, Zheng W, Marquis JP, Jin P, Wilson AD, Wang JT;
PI Chien D, Richardson TW, Kable AE, Emerling BM, Ramkumar J;
PI Baughn MR, Tang YT, Jackson JL, Lal PG, Yue H, Gietzen KJ;
XX
DR WPI; 2004-420303/39.
DR P-PSDB; ADO26814.
XX
PT Novel isolated human receptors and membrane-associated proteins, REMAP 1-
PT 49, useful for diagnosing, treating, preventing AIDS, obesity,
PT hypothyroidism, acromegaly, cataract, thrombosis, Alzheimer's disease.
XX
PS Claim 12; SEQ ID NO 53; 292pp; English.
XX
CC The present invention relates to the isolation of human receptors and
CC membrane-associated proteins (REMAP, designated REMAP-1 to REMAP-49), and
CC the polynucleotide sequences encoding them. Also disclosed are expression
CC vectors, host cells, antibodies, agonists, and antagonists. The
CC polypeptide and polynucleotide sequences of the invention are useful for
CC diagnosing, treating, and preventing disorders associated with aberrant
CC expression of REMAP. Such disorders include cell proliferative disorders,
CC autoimmune disorders, inflammatory disorders, neurological disorders,
CC infections, developmental disorders, nervous system disorders, mental
CC disorders, metabolic disorders etc. The present sequence represents a
CC REMAP polynucleotide sequence of the invention.
XX
SQ Sequence 638 BP; 155 A; 195 C; 178 G; 110 T; 0 U; 0 Other;

Query Match 77.9%; Score 14.8; DB 12; Length 638;
Best Local Similarity 88.9%; Pred. No. 7.6e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 2 GGTATGCCCCGCGGATTG 19
||||||||| |||||| |
Db 86 GGTATGCCCTGCGGATGG 69

RESULT 29
ADP28686
ID ADP28686 standard; DNA; 666 BP.
XX
AC ADP28686;
XX
DT 12-AUG-2004 (first entry)
XX
DE Human secreted protein encoding sequence SEQ ID #684.
XX
KW Cytostatic; Antiinflammatory; Immunosuppressive; Antibacterial; Virucide;
KW cancer; inflammatory; immune; ds; human secreted protein.
XX
OS Homo sapiens.
XX
PN WO2004035732-A2.
XX
PD 29-APR-2004.
XX
PF 28-AUG-2003; 2003WO-US026780.
XX
PR 29-AUG-2002; 2002US-0406576P.
PR 29-AUG-2002; 2002US-0406579P.
PR 29-AUG-2002; 2002US-0406585P.
PR 29-AUG-2002; 2002US-0406588P.
PR 29-AUG-2002; 2002US-0406608P.
PR 29-AUG-2002; 2002US-0406611P.
PR 29-AUG-2002; 2002US-0406612P.
PR 29-AUG-2002; 2002US-0406616P.
PR 29-AUG-2002; 2002US-0406640P.
PR 29-AUG-2002; 2002US-0406642P.
PR 29-AUG-2002; 2002US-0406646P.
PR 29-AUG-2002; 2002US-0406653P.
PR 29-AUG-2002; 2002US-0406655P.
PR 29-AUG-2002; 2002US-0406666P.
PR 17-SEP-2002; 2002US-0410946P.
PR 17-SEP-2002; 2002US-0410947P.
PR 17-SEP-2002; 2002US-0410948P.
PR 17-SEP-2002; 2002US-0410949P.
PR 17-SEP-2002; 2002US-0410953P.
PR 17-SEP-2002; 2002US-0410957P.
PR 17-SEP-2002; 2002US-0410958P.
PR 17-SEP-2002; 2002US-0410959P.
PR 17-SEP-2002; 2002US-0410960P.
PR 17-SEP-2002; 2002US-0410961P.
PR 17-SEP-2002; 2002US-0410962P.
PR 17-SEP-2002; 2002US-0411019P.
PR 17-SEP-2002; 2002US-0411022P.
PR 17-SEP-2002; 2002US-0411023P.
PR 17-SEP-2002; 2002US-0411024P.
PR 17-SEP-2002; 2002US-0411032P.
PR 17-SEP-2002; 2002US-0411035P.
PR 17-SEP-2002; 2002US-0411037P.
PR 17-SEP-2002; 2002US-0411041P.
PR 17-SEP-2002; 2002US-0411045P.
PR 17-SEP-2002; 2002US-0411046P.
PR 17-SEP-2002; 2002US-0411048P.
PR 17-SEP-2002; 2002US-0411052P.
PR 17-SEP-2002; 2002US-0411055P.
PR 17-SEP-2002; 2002US-0411073P.
PR 17-SEP-2002; 2002US-0411082P.
PR 17-SEP-2002; 2002US-0411101P.
PR 17-SEP-2002; 2002US-0411111P.
PR 18-APR-2003; 2003US-0463700P.
PR 18-APR-2003; 2003US-0463708P.
PR 18-APR-2003; 2003US-0463716P.
PR 18-APR-2003; 2003US-0463732P.
PR 02-MAY-2003; 2003US-0467199P.
PR 02-MAY-2003; 2003US-0467201P.
PR 02-MAY-2003; 2003US-0467203P.
PR 02-MAY-2003; 2003US-0467230P.
PR 19-MAY-2003; 2003US-0471306P.
PR 19-MAY-2003; 2003US-0471336P.
PR 22-MAY-2003; 2003US-0472420P.
PR 22-MAY-2003; 2003US-0472430P.
PR 09-JUN-2003; 2003US-0476609P.
PR 09-JUN-2003; 2003US-0476641P.
PR 08-JUL-2003; 2003US-0485218P.
PR 08-JUL-2003; 2003US-0485223P.
PR 08-JUL-2003; 2003US-0485224P.
PR 08-JUL-2003; 2003US-0485325P.
PR 14-JUL-2003; 2003US-0486446P.
PR 14-JUL-2003; 2003US-0486480P.
PR 15-JUL-2003; 2003US-0486891P.
PR 15-JUL-2003; 2003US-0486960P.
PR 08-AUG-2003; 2003US-0493341P.
PR 08-AUG-2003; 2003US-0493370P.
PR 08-AUG-2003; 2003US-0493573P.
PR 08-AUG-2003; 2003US-0493577P.
XX
PA (FIVE-) FIVE PRIME THERAPEUTICS INC.
XX
PI Williams LT, Chu K, Lee E, Hestir K, Beaurang PA, Behrens D;
PI Halenbeck RF, Huang MM, Kothakota S, Haishan L, Linnemann T;
PI Pierce K, Wang Y, Wong JGP, Wu G, Zhang H;
XX
DR WPI; 2004-348438/32.
XX
PT New nucleic acid molecule for diagnosing, preventing or treating diseases
PT such as proliferative (e.g. cancer), inflammatory, immune, metabolic,
PT genetic, bacterial and viral diseases.
XX
PS Claim 1; SEQ ID NO 684; 428pp; English.
XX
CC The present invention relates to an isolated nucleic acid molecule
CC encoding a polypeptide which is believed to be cytostatic,
CC antiinflammatory, immunosuppressive, antibacterial and virucidal. The
CC composition and methods are useful for diagnosing, preventing and
CC treating diseases such as proliferative (e.g. cancer), inflammatory,

```
CC   immune, metabolic, genetic, bacterial and viral diseases. The present
CC   sequence represents a human secreted protein encoding sequence. The
CC   present sequence is available on WIPOWEB and is not in the specification.
XX
SQ   Sequence 666 BP; 125 A; 226 C; 196 G; 119 T; 0 U; 0 Other;

  Query Match             77.9%;  Score 14.8;  DB 12;  Length 666;
  Best Local Similarity   88.9%;  Pred. No. 7.6e+02;
  Matches   16;  Conservative    0;  Mismatches    2;  Indels    0;  Gaps    0;

Qy          1 CGGTATGCCCCGCGGATT 18
              |||| | ||||||||||
Db        620 CGGTTTCCCCCGCGGATT 637


RESULT 30
AAQ27005
ID   AAQ27005 standard; DNA; 672 BP.
XX
AC   AAQ27005;
XX
DT   21-JAN-1993  (first entry)
XX
DE   HK3.
XX
KW   Recombinant vector; E. coli; diagnostic; reagent; type C hepatitis; ss.
XX
OS   Hepatitis C virus.
XX
FH   Key             Location/Qualifiers
FT   misc_RNA        29. .633
FT                   /*tag=  a
FT                   /note= "Sequence AAQ26983"
XX
PN   JP04179482-A.
XX
PD   26-JUN-1992.
XX
PF   11-NOV-1990;   90JP-00304417.
XX
PR   11-NOV-1990;   90JP-00304417.
XX
PA   (TOKU ) TOKUYAMA SODA KK.
XX
DR   WPI; 1992-263663/32.
DR   P-PSDB; AAR25878.
XX
PT   Hepatitis C virus antigen expressed as recombinant in E.coli - useful for
PT   diagnosis of hepatitis C virus infection.
XX
PS   Disclosure; Fig 4; 66pp; Japanese.
XX
CC   The sequences given in AAQ27003-22 are the claimed hepatitis C virus
CC   genes of the invention which have been inserted into an E. coli vector.
CC   The polypeptides encoded by these vectors are useful as diagnostic
CC   reagents for type C hepatitis and they may be produced efficiently by
CC   recombinant methods
XX
SQ   Sequence 672 BP; 133 A; 196 C; 187 G; 156 T; 0 U; 0 Other;

  Query Match             77.9%;  Score 14.8;  DB 2;  Length 672;
  Best Local Similarity   88.9%;  Pred. No. 7.6e+02;
  Matches   16;  Conservative    0;  Mismatches    2;  Indels    0;  Gaps    0;

Qy          2 GGTATGCCCCGCGGATTG 19
              ||| |||||| |||||||
Db        156 GGTCTGCCCCACGGATTG 173


RESULT 31
ABK35606
ID   ABK35606 standard; DNA; 1011 BP.
XX
AC   ABK35606;
XX
DT   08-MAY-2002  (first entry)
XX
DE   Gene encoding novel human secreted or membrane-associated protein #25.
XX
KW   Human; secreted protein; membrane-associated protein; hypertension;
KW   inflammatory disorder; neurological disorder; haematopoietic disorder;
KW   skeletal developmental disorder; growth abnormality; autoimmune disorder;
KW   neurodegenerative disorder; nervous system disorder; bacterial infection;
KW   peripheral myelinopathy; viral infection; cancer; obesity; diabetes;
KW   hypotension; sexual development disorder; blood disorder; gene; ds.
XX
OS   Homo sapiens.
XX
PN   WO200204600-A2.
XX
PD   17-JAN-2002.
XX
PF   12-JUL-2001; 2001WO-US021985.
XX
PR   12-JUL-2000; 2000US-0218033P.
PR   21-AUG-2000; 2000US-0226517P.
XX
PA   (SMIK ) SMITHKLINE BEECHAM CORP.
PA   (SMIK ) SMITHKLINE BEECHAM PLC.
PA   (GLAX ) GLAXO GROUP LTD.
XX
PI   Agarwal P,  Cogswell JP,  Lai Y,  Martensen SA,  Rizvi SK,  Strum JC;
PI   Smith RF,  Xiang Z,  Xie Q;
XX
DR   WPI; 2002-188468/24.
DR   P-PSDB; AAU84386.
XX
PT   Novel secreted and membrane-associated polypeptides and polynucleotides
PT   encoding the polypeptides, for preventing, treating and ameliorating
PT   cancers, mental or sexual developmental disorders, and malignant tumors.
XX
PS   Claim 2; Page 114; 151pp; English.
XX
CC   The present invention relates to the isolation of novel human secreted or
CC   membrane-associated proteins and the genes encoding them. The sequences
CC   of the invention are useful for treating, preventing and ameliorating
CC   various diseases such as inflammatory disorders (e.g. asthma),
CC   neurological disorders (e.g. dementia), haematopoietic disorders,
CC   skeletal developmental disorders, growth abnormalities, neurodegenerative
CC   disorders (e.g. Huntington's disease), nervous system disorders,
CC   autoimmune disorders (e.g. rheumatoid arthritis), peripheral
CC   myelinopathies, viral and bacterial infections, alpha-mannosidosis,
CC   diabetes, cancers, malignant tumours, hyper- and hypotension, obesity,
CC   bulimia, anorexia, manic depression, delirium, mental retardation,
CC   Tourette's syndrome, schizophrenia, growth, mental or sexual development
CC   disorders, and dysfunctions of the blood cascade system including those
CC   leading to stroke. ABK35582-ABK35609 represent the genes encoding the
CC   novel human secreted or membrane-associated proteins of the invention
XX
SQ   Sequence 1011 BP; 169 A; 357 C; 310 G; 175 T; 0 U; 0 Other;

  Query Match             77.9%;  Score 14.8;  DB 6;  Length 1011;
  Best Local Similarity   88.9%;  Pred. No. 7.6e+02;
  Matches   16;  Conservative    0;  Mismatches    2;  Indels    0;  Gaps    0;

Qy          1 CGGTATGCCCCGCGGATT 18
              |||| | ||||||||||
Db        725 CGGTTTCCCCCGCGGATT 742


RESULT 32
ADL35982
ID   ADL35982 standard; cDNA; 1168 BP.
XX
AC   ADL35982;
XX
```

DT 20-MAY-2004 (first entry)
XX
DE Human NOVX cDNA #14.
XX
KW Human; NOVX; gene; ss; Alzheimer's disease; Parkinson's disease; stroke;
KW epilepsy; multiple sclerosis; addiction; anxiety; pain; acne; alopecia;
KW inflammation; rheumatoid arthritis; AIDS; cancer; psoriasis;
KW hypertension; renal disorder; bone disease; haematopoietic disorder;
KW wound; bacterial infection; viral infection; fungal infection;
KW protozoal infection; urinary retention; osteoporosis;
KW myocardial infarction; diabetes; ulcer; cirrhosis; depression.
XX
OS Homo sapiens.
XX
PN US2003207800-A1.
XX
PD 06-NOV-2003.
XX
PF 13-NOV-2001; 2001US-00015115.
XX
PR 08-NOV-1999; 99US-0164240P.
PR 13-NOV-2000; 2000US-0248153P.
PR 17-NOV-2000; 2000US-0249598P.
PR 02-FEB-2001; 2001US-0266127P.
PR 16-FEB-2001; 2001US-0269562P.
PR 10-JUL-2001; 2001US-0304348P.
PR 31-JUL-2001; 2001US-0309261P.
PR 17-AUG-2001; 2001US-0313283P.
XX
PA (MALY/) MALYANKAR U M.
PA (SHEN/) SHENOY S G.
PA (SPYT/) SPYTEK K A.
PA (ZERH/) ZERHUSEN B D.
PA (PATT/) PATTURAJAN M.
PA (GUOX/) GUO X.
PA (KEKU/) KEKUDA R.
PA (GANG/) GANGOLLI E A.
PA (SHIM/) SHIMKETS R A.
PA (TAUP/) TAUPIER R J.
PA (LILL/) LI L.
PA (PADI/) PADIGARU M.
XX
PI Malyankar UM, Shenoy SG, Spytek KA, Zerhusen BD, Patturajan M;
PI Guo X, Kekuda R, Gangolli EA, Shimkets RA, Taupier RJ, Li L;
PI Padigaru M;
XX
DR WPI; 2003-875894/81.
DR P-PSDB; ADL35983.
XX
PT New NOVX polypeptides and nucleic acids, useful for diagnosing,
PT preventing or treating NOVX-associated disorders (e.g. stroke, epilepsy,
PT AIDS, pain, diabetes or cancer) and in chromosome mapping, tissue typing
PT or pharmacogenomics.
XX
PS Claim 9; SEQ ID NO 27; 233pp; English.
XX
CC The invention relates to human NOVX polypeptides and the polynucleotides
CC encoding them. The invention also relates to antibodies that bind
CC immunospecifically to the polypeptides. The NOVX polypeptides,
CC polynucleotides and antibodies are useful in diagnosing, treating or
CC preventing NOVX-associated disorders such as Alzheimer's disease,
CC Parkinson's disease, stroke, epilepsy, multiple sclerosis, addiction,
CC anxiety, pain, acne, alopecia, inflammation, rheumatoid arthritis, AIDS,
CC cancer, psoriasis, hypertension, renal disorders, bone diseases,
CC haematopoietic disorders, wounds, infection (e.g. bacterial, viral,
CC fungal or protozoal), urinary retention, osteoporosis, myocardial
CC infarction, diabetes, ulcer, cirrhosis or depression. The polypeptides
CC are also useful as vaccines. This sequence represents a human NOVX
CC polynucleotide of the invention.
XX
SQ Sequence 1168 BP; 195 A; 423 C; 355 G; 195 T; 0 U; 0 Other;

Query Match 77.9%; Score 14.8; DB 11; Length 1168;
Best Local Similarity 88.9%; Pred. No. 7.6e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1 CGGTATGCCCCGCGGATT 18
||||.|.||||||||||
Db 795 CGGTTTCCCCCGCGGATT 812

RESULT 33
ABS71701
ID ABS71701 standard; DNA; 1169 BP.
XX
AC ABS71701;
XX
DT 02-DEC-2002 (first entry)
XX
DE DNA encoding human NOV5d protein.
XX
KW Human; NOVX; pathological condition; NOVX-associated disorder; diabetes;
KW Von Hippel-Lindau syndrome; cirrhosis; transplantation disorder; obesity;
KW pancreatitis; autoimmune disease; renal artery stenosis; infertility;
KW interstitial nephritis; glomerulonephritis; polycystic kidney disease;
KW systemic lupus erythematosus; SLE; cataract; Alzheimer's disease;
KW acoustic trauma; cancer; cardiomyopathy; atherosclerosis; hypertension;
KW congenital heart defect; scleroderma; endometriosis; haemophilia;
KW dementia; stroke; Parkinson's disease; Huntington's disease; epilepsy;
KW multiple sclerosis; anxiety; pain; leukaemia; hypothyroidism; psoriasis;
KW acne; wound; asthma; gene; ds.
XX
OS Homo sapiens.
XX
PN WO200266643-A2.
XX
PD 29-AUG-2002.
XX
PF 13-NOV-2001; 2001WO-US048732.
XX
PR 13-NOV-2000; 2000US-0248153P.
PR 17-NOV-2000; 2000US-0249598P.
PR 26-JAN-2001; 2001US-0264240P.
PR 02-FEB-2001; 2001US-0266127P.
PR 16-FEB-2001; 2001US-0269562P.
PR 10-JUL-2001; 2001US-0304348P.
PR 31-JUL-2001; 2001US-0309261P.
PR 17-AUG-2001; 2001US-0313283P.
XX
PA (CURA-) CURAGEN CORP.
XX
PI Malyankar UM, Shenoy SG, Spytek KA, Zerhusen BD, Patturajan M;
PI Guo X, Kekuda R, Gangolli EA, Shimkets RA, Taupier RJ, Li L;
PI Padigaru M;
XX
DR WPI; 2002-706943/76.
DR P-PSDB; ABG64939.
XX
PT New isolated NOVX polypeptides and nucleic acid molecules useful for
PT treating, preventing, diagnosing and researching of pathological
PT conditions in humans with a NOVX-associated disorders.
XX
PS Claim 8; Page 74; 295pp; English.
XX
CC The present invention relates to new NOVX polypeptides. The NOVX
CC polypeptide, nucleic acid and antibody are useful for treating or
CC preventing a pathological condition in humans with a NOVX-associated
CC disorder, e.g. Von Hippel-Lindau syndrome, cirrhosis, transplantation
CC disorders, pancreatitis, obesity, diabetes, autoimmune disease, renal
CC artery stenosis, interstitial nephritis, glomerulonephritis, polycystic
CC kidney disease, systemic lupus erythematosus (SLE), cataract, Alzheimer's
CC disease, acoustic trauma, cancer, infertility, cardiomyopathies,
CC atherosclerosis, hypertension, congenital heart defects, scleroderma,
CC endometriosis, haemophilia, dementia, stroke, Parkinson's disease,
CC Huntington's disease, epilepsy, multiple sclerosis, anxiety, pain,
CC leukaemias, hypothyroidism, psoriasis, acne, wounds and asthma. They are

```
CC   also useful for the manufacture of a medicament for treating a syndrome
CC   associated with a human disease, specifically a NOVX-associated disorder.
CC   They may also be useful in therapeutic applications including protein
CC   therapeutic, small molecule drug target, antibody target, diagnostic
CC   and/or prognostic marker, gene therapy, research tools and tissue
CC   regeneration. The present nucleic acid sequence encodes a NOVX protein of
CC   the invention
XX
SQ   Sequence 1169 BP; 195 A; 421 C; 358 G; 195 T; 0 U; 0 Other;

  Query Match             77.9%;  Score 14.8;  DB 6;  Length 1169;
  Best Local Similarity   88.9%;  Pred. No. 7.6e+02;
  Matches   16;  Conservative    0;  Mismatches    2;  Indels    0;  Gaps    0;

Qy          1 CGGTATGCCCCGCGGATT 18
              |||| | ||||||||||
Db        795 CGGTTTCCCCCGCGGATT 812


RESULT 34
ADH71407
ID   ADH71407 standard; DNA; 1169 BP.
XX
AC   ADH71407;
XX
DT   25-MAR-2004  (first entry)
XX
DE   Human gene of the invention NOV111 SEQ ID NO:303.
XX
KW   ds; gene; human; cytostatic; immunomodulator; neuroprotective; nootropic;
KW   anorectic; antidiabetic; antimicrobial; antilipaemic; gene therapy;
KW   vaccine; cancer; cachexia; Alzheimer's disease; Parkinson's disease;
KW   obesity; diabetes; infectious disease; metabolic syndrome X;
KW   dyslipidaemia.
XX
OS   Homo sapiens.
XX
PN   WO2003102155-A2.
XX
PD   11-DEC-2003.
XX
PF   03-JUN-2003; 2003WO-US017430.
XX
PR   03-JUN-2002; 2002US-0385120P.
PR   04-JUN-2002; 2002US-0385784P.
PR   05-JUN-2002; 2002US-0386041P.
PR   05-JUN-2002; 2002US-0386047P.
PR   06-JUN-2002; 2002US-0386376P.
PR   06-JUN-2002; 2002US-0386453P.
PR   06-JUN-2002; 2002US-0386864P.
PR   06-JUN-2002; 2002US-0387016P.
PR   07-JUN-2002; 2002US-0386796P.
PR   07-JUN-2002; 2002US-0386816P.
PR   07-JUN-2002; 2002US-0386931P.
PR   07-JUN-2002; 2002US-0386942P.
PR   07-JUN-2002; 2002US-0386971P.
PR   07-JUN-2002; 2002US-0387262P.
PR   08-JUN-2002; 2002US-0296960P.
PR   10-JUN-2002; 2002US-0387400P.
PR   10-JUN-2002; 2002US-0387535P.
PR   11-JUN-2002; 2002US-0387610P.
PR   11-JUN-2002; 2002US-0387625P.
PR   11-JUN-2002; 2002US-0387634P.
PR   11-JUN-2002; 2002US-0387668P.
PR   11-JUN-2002; 2002US-0387696P.
PR   11-JUN-2002; 2002US-0387702P.
PR   11-JUN-2002; 2002US-0387836P.
PR   11-JUN-2002; 2002US-0387859P.
PR   12-JUN-2002; 2002US-0387933P.
PR   12-JUN-2002; 2002US-0387934P.
PR   12-JUN-2002; 2002US-0387960P.
PR   12-JUN-2002; 2002US-0388022P.
PR   12-JUN-2002; 2002US-0388096P.
PR   13-JUN-2002; 2002US-0389123P.
PR   14-JUN-2002; 2002US-0389118P.
PR   14-JUN-2002; 2002US-0389120P.
PR   14-JUN-2002; 2002US-0389144P.
PR   14-JUN-2002; 2002US-0389146P.
PR   17-JUN-2002; 2002US-0389729P.
PR   17-JUN-2002; 2002US-0389742P.
PR   18-JUN-2002; 2002US-0389884P.
PR   19-JUN-2002; 2002US-0390006P.
PR   19-JUN-2002; 2002US-0390209P.
PR   21-JUN-2002; 2002US-0390763P.
PR   17-JUL-2002; 2002US-0396706P.
PR   06-AUG-2002; 2002US-0401628P.
PR   09-AUG-2002; 2002US-0402156P.
PR   09-AUG-2002; 2002US-0402256P.
PR   09-AUG-2002; 2002US-0402389P.
PR   12-AUG-2002; 2002US-0402786P.
PR   12-AUG-2002; 2002US-0402816P.
PR   12-AUG-2002; 2002US-0402821P.
PR   12-AUG-2002; 2002US-0402832P.
PR   13-AUG-2002; 2002US-0403448P.
PR   13-AUG-2002; 2002US-0403459P.
PR   13-AUG-2002; 2002US-0403531P.
PR   13-AUG-2002; 2002US-0403532P.
PR   13-AUG-2002; 2002US-0403563P.
PR   13-AUG-2002; 2002US-0406317P.
PR   15-AUG-2002; 2002US-0403617P.
PR   26-AUG-2002; 2002US-0406182P.
PR   26-AUG-2002; 2002US-0406355P.
PR   27-AUG-2002; 2002US-0406240P.
PR   12-SEP-2002; 2002US-0410084P.
PR   20-SEP-2002; 2002US-0412528P.
PR   23-SEP-2002; 2002US-0412731P.
PR   30-SEP-2002; 2002US-0414801P.
PR   30-SEP-2002; 2002US-0414839P.
PR   30-SEP-2002; 2002US-0414840P.
PR   30-SEP-2002; 2002US-0414954P.
PR   09-OCT-2002; 2002US-0417186P.
PR   09-OCT-2002; 2002US-0417406P.
PR   23-OCT-2002; 2002US-0420639P.
PR   28-OCT-2002; 2002US-0421156P.
PR   31-OCT-2002; 2002US-0422690P.
PR   01-NOV-2002; 2002US-0423130P.
PR   05-NOV-2002; 2002US-00423798.
PR   05-NOV-2002; 2002US-0423798P.
PR   12-NOV-2002; 2002US-0425453P.
XX
PA   (CURA-) CURAGEN CORP.
XX
PI   Alsobrook JP,  Alvarez E,  Anderson DW,  Boldog FL,  Casman SJ;
PI   Catterton E,  Chapoval A,  Crabtree-Bokor JR,  Edinger SR,  Ellerman K;
PI   Ettenberg S,  Gangolli EA,  Gerlach VL,  Gorman L,  Gunther E,  Guo X;
PI   Gusev VY,  Herrmann JL,  Ji W,  Kekuda R,  Li L,  Liu X,  Macdougall JR;
PI   Maclachlan T,  Malyankar UM,  Mezick AJ,  Millet I,  Mishra VS;
PI   Padigaru M,  Patturajan M,  Pena CEA,  Peyman JA,  Raha D,  Rastelli L;
PI   Rieger DK,  Rothenberg ME,  Sciore P,  Shenoy SG,  Shimkets RA;
PI   Smithson G,  Spytek KA,  Stone DJ,  Vernet CAM,  Voss EZ,  Zhong M;
PI   Zhong H;
XX
DR   WPI; 2004-081935/08.
DR   P-PSDB; ADH71408.
XX
PT   New NOVX polypeptides and nucleic acid molecules useful for preventing or
PT   treating NOVX-associated disorders, e.g. cancer, diabetes, infection or
PT   obesity, and in chromosome mapping, tissue typing or pharmacogenomics.
XX
PS   Example 11; SEQ ID NO 303; 1880pp; English.
XX
CC   The invention relates to a novel isolated polypeptide (NOVX). A
CC   polypeptide of the invention has cytostatic, immunomodulator,
CC   neuroprotective, nootropic, anorectic, antidiabetic, antimicrobial, and
CC   antilipaemic activity, and may have a use in gene therapy, and as a
CC   vaccine. The polypeptides are encoded by NOVX polynucleotides comprising
```

```
CC   any of the 303 fully defined nucleotide sequences given in the
CC   specification. The polypeptide is useful in the manufacture of a
CC   medicament for treating a syndrome associated with a human disease. The
CC   polypeptide, polynucleotide and antibody are useful in diagnosing,
CC   treating or preventing NOVX-associated disorders, e.g. cancer, cachexia,
CC   Alzheimer's disease, Parkinson's disease, obesity, diabetes, infectious
CC   diseases, metabolic syndrome X or dyslipidaemias. The nucleic acids are
CC   further used as hybridisation probes, in chromosome mapping, tissue
CC   typing, preventive medicine, and pharmacogenomics. The present sequence
CC   encodes a NOVX polypeptide of the invention.
XX
SQ   Sequence 1169 BP; 195 A; 421 C; 358 G; 195 T; 0 U; 0 Other;

  Query Match             77.9%;  Score 14.8;  DB 12;  Length 1169;
  Best Local Similarity   88.9%;  Pred. No. 7.6e+02;
  Matches   16;  Conservative    0;  Mismatches    2;  Indels    0;  Gaps    0;

Qy          1 CGGTATGCCCCGCGGATT 18
              |||| | ||||||||||||
Db        795 CGGTTTCCCCCGCGGATT 812


RESULT 35
AAQ40328
ID   AAQ40328 standard; cDNA; 1207 BP.
XX
AC   AAQ40328;
XX
DT   25-MAR-2003  (revised)
DT   09-AUG-1993  (first entry)
XX
DE   Sequence encoding glycoprotein E2/NS1 in clone HCV-J.
XX
KW   Hepatitis C virus; envelope protein; glycoprotien; E2/NS1;
KW   diagnostic reagent; ss.
XX
OS   Hepatitis C virus.
XX
FH   Key             Location/Qualifiers
FT   CDS             2. .1207
FT                   /*tag=  a
XX
PN   EP537626-A1.
XX
PD   21-APR-1993.
XX
PF   08-OCT-1992;   92EP-00117191.
XX
PR   08-OCT-1991;   91JP-00260824.
XX
PA   (NAHE-) NAT INST OF HEALTH.
XX
PI   Miyamura T,  Saito I,  Harada S,  Honda Y;
XX
DR   WPI; 1993-127516/16.
DR   P-PSDB; AAR34436.
XX
PT   Diagnostic reagent for hepatitis C virus - comprises second envelope
PT   protein or first non-structural protein encoded by HCV gene and has sugar
PT   chain.
XX
PS   Claim 8; Page 23-26; 58pp; English.
XX
CC   Glycoprotein E2/NS1 is derived from the second envelope protein or first
CC   non-structural protein encoded by the genome of HCV. The nucleic acid is
CC   extracted from the serum of the patient of hepatitis C. The serum is
CC   pref. mixed with transfer RNA (tRNA) as a carrier of virus RNA. As a
CC   technique of cloning cDNA from the nucleic acid, it is preferred to use
CC   polymerase chain reaction method. In the reaction, any commercially
CC   available random primers or synthesized DNA having a base sequence
CC   similar to that of primer AS1 may be used as a primer. Representative
CC   examples of sense primers include S1. (Updated on 25-MAR-2003 to correct
CC   PN field.)
XX
SQ   Sequence 1207 BP; 232 A; 345 C; 360 G; 270 T; 0 U; 0 Other;

  Query Match             77.9%;  Score 14.8;  DB 2;  Length 1207;
  Best Local Similarity   88.9%;  Pred. No. 7.6e+02;
  Matches   16;  Conservative    0;  Mismatches    2;  Indels    0;  Gaps    0;

Qy          2 GGTATGCCCCGCGGATTG 19
              ||| |||||| |||||||
Db        721 GGTCTGCCCCACGGATTG 738


RESULT 36
ADJ63859
ID   ADJ63859 standard; DNA; 1326 BP.
XX
AC   ADJ63859;
XX
DT   06-MAY-2004  (first entry)
XX
DE   Plant lipid metabolism protein OO-3 gene SEQ ID NO:61.
XX
KW   ds; gene; plant; lipid metabolism protein; LMP; seed storage compound;
KW   transgenic plant.
XX
OS   Unidentified.
XX
FH   Key             Location/Qualifiers
FT   CDS             1. .1326
FT                   /*tag=  a
FT                   /product= "OO-3"
XX
PN   WO2004013304-A2.
XX
PD   12-FEB-2004.
XX
PF   04-AUG-2003; 2003WO-US024364.
XX
PR   02-AUG-2002; 2002US-0400803P.
XX
PA   (BADI ) BASF PLANT SCI GMBH.
XX
PI   Mittendorf V,  Haertel HA,  Bauer J,  Oswald O;
XX
DR   WPI; 2004-157121/15.
DR   P-PSDB; ADJ63860.
XX
PT   New lipid metabolism proteins and nucleic acids, useful in producing
PT   transgenic plants with increased levels of seed storage compound, e.g.
PT   lipid, a fatty acid, a starch or a seed storage protein.
XX
PS   Claim 1; SEQ ID NO 61; 115pp; English.
XX
CC   The invention relates to novel isolated lipid metabolism proteins (LMP)
CC   and encoding nucleic acids comprising a polynucleotide sequence encoding
CC   a polypeptide that functions as a modulator of seed storage compounds in
CC   a plant. The LMP nucleic acid is useful in producing transgenic plants
CC   with increased levels of seed storage compound, e.g. lipid, a fatty acid,
CC   a starch or a seed storage protein, as markers for specific regions of
CC   the genome and for evolutionary and protein structural studies. The
CC   present sequence represents an LMP nucleic acid of the invention.
XX
SQ   Sequence 1326 BP; 375 A; 254 C; 399 G; 298 T; 0 U; 0 Other;

  Query Match             77.9%;  Score 14.8;  DB 12;  Length 1326;
  Best Local Similarity   88.9%;  Pred. No. 7.6e+02;
  Matches   16;  Conservative    0;  Mismatches    2;  Indels    0;  Gaps    0;

Qy          1 CGGTATGCCCCGCGGATT 18
              |||||||||| | |||||
Db        984 CGGTATGCCCGGTGGATT 1001
```

```
RESULT 37
ADN74484
ID   ADN74484 standard; cDNA; 1326 BP.
XX
AC   ADN74484;
XX
DT   15-JUL-2004  (first entry)
XX
DE   Thale cress cDNA repressed in E2Fa/Dpa expressing plants SeqID 2379.
XX
KW   gene; ss; plant; transgenic; E2Fa/DPa transcription factor;
KW   growth regulator; animal feed product; thale cress;
KW   cell wall biosynthesis; nitrogen metabolism; carbon metabolism.
XX
OS   Arabidopsis thaliana.
XX
PN   WO2004035798-A2.
XX
PD   29-APR-2004.
XX
PF   20-OCT-2003; 2003WO-EP011658.
XX
PR   18-OCT-2002; 2002EP-00079408.
XX
PA   (CROP-) CROPDESIGN NV.
XX
PI   Inze D,  De Veylder L,  Vlieghe K;
XX
DR   WPI; 2004-348466/32.
DR   P-PSDB; ADN74485.
XX
PT   Altering plant characteristics, useful for producing plants for enzyme or
PT   pharmaceutical production comprises modifying in a plant, expression of
PT   one or more nucleic acids and/or modifying level or activity of one or
PT   more proteins.
XX
PS   Claim 1; SEQ ID NO 2379; 134pp; English.
XX
CC   This invention relates to a novel method for altering one or more plant
CC   characteristics. Specifically, it refers to identifying genes that are up
CC   - or down-regulated in transgenic plants overexpressing the heterodimeric
CC   E2Fa/DPa transcription factor of Arabidopsis and using these sequences to
CC   alter plant characteristics accordingly. The present invention describes
CC   generating transgenic plants for the production of growth regulators,
CC   enzymes, therapeutics, pharmaceuticals and animal feed products, where
CC   the altered plant characteristics are selected from increased yield or
CC   biomass, enhanced survival capacity, stress tolerance, plant architecture
CC   or physiology, altered endoreduplication, biochemistry, signal
CC   transduction, storage lipid mobilisation and/or altered photosynthesis,
CC   each relative to the corresponding wild type plants. Accordingly, these
CC   sequences can also be useful as positive or negative selectable markers
CC   during transformation of cells or tissues. The identified genes play a
CC   role in a variety of biological processes such as DNA replication, cell
CC   wall biosynthesis, nitrogen and/ or carbon metabolism or they function as
CC   transcription factors. This polynucleotide sequence is thale cress cDNA
CC   repressed 1.3 fold or more in plants overexpressing the E2Fa/DPa
CC   transcription factor, given in an exemplification of the invention.
XX
SQ   Sequence 1326 BP; 375 A; 254 C; 399 G; 298 T; 0 U; 0 Other;

  Query Match             77.9%;  Score 14.8;  DB 12;  Length 1326;
  Best Local Similarity   88.9%;  Pred. No. 7.6e+02;
  Matches   16;  Conservative    0;  Mismatches    2;  Indels    0;  Gaps    0;

Qy          1 CGGTATGCCCCGCGGATT 18
              |||||||||| | |||||
Db        984 CGGTATGCCCGGTGGATT 1001


RESULT 38
ACH99952/c
ID   ACH99952 standard; DNA; 1365 BP.
XX
AC   ACH99952;
XX
DT   29-JUL-2004  (first entry)
XX
DE   Klebsiella pneumoniae polynucleotide seqid 5747.
XX
KW   Recombinant expression vector; transcription regulatory element;
KW   Klebsiella pneumoniae protein; antibacterial; Vaccine; gene; ds.
XX
OS   Klebsiella pneumoniae.
XX
PN   US6610836-B1.
XX
PD   26-AUG-2003.
XX
PF   27-JAN-2000; 2000US-00489039.
XX
PR   29-JAN-1999;   99US-0117747P.
XX
PA   (GENO-) GENOME THERAPEUTICS CORP.
XX
PI   Breton GL,  Osborne M;
XX
DR   WPI; 2003-895346/82.
DR   P-PSDB; ABO66401.
XX
PT   New nucleic acid encoding a Klebsiella pneumoniae polypeptide, useful for
PT   preparing a vaccine composition against Klebsiella pneumoniae.
XX
PS   Disclosure; SEQ ID NO 5747; 932pp; English.
XX
CC   The invention describes a new isolated nucleic acid encoding a Klebsiella
CC   pneumoniae polypeptide. Also described are: a recombinant expression
CC   vector comprising the nucleic acid, operably linked to a transcription
CC   regulatory element; and a cell comprising the recombinant expression
CC   vector. The nucleic acid is useful for preparing a vaccine composition
CC   against Klebsiella pneumoniae. This sequence encodes a Klebsiella
CC   pneumoniae polypeptide of the invention
XX
SQ   Sequence 1365 BP; 296 A; 450 C; 455 G; 164 T; 0 U; 0 Other;

  Query Match             77.9%;  Score 14.8;  DB 11;  Length 1365;
  Best Local Similarity   88.9%;  Pred. No. 7.6e+02;
  Matches   16;  Conservative    0;  Mismatches    2;  Indels    0;  Gaps    0;

Qy          1 CGGTATGCCCCGCGGATT 18
              | |||||||||||| ||
Db        414 CTGTATGCCCCGCGGCTT 397


RESULT 39
ABD00417
ID   ABD00417 standard; DNA; 1467 BP.
XX
AC   ABD00417;
XX
DT   29-JUL-2004  (first entry)
XX
DE   Klebsiella pneumoniae polynucleotide seqid 6192.
XX
KW   Recombinant expression vector; transcription regulatory element;
KW   Klebsiella pneumoniae protein; antibacterial; Vaccine; gene; ds.
XX
OS   Klebsiella pneumoniae.
XX
PN   US6610836-B1.
XX
PD   26-AUG-2003.
XX
PF   27-JAN-2000; 2000US-00489039.
XX
PR   29-JAN-1999;   99US-0117747P.
XX
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PA   (GENO-) GENOME THERAPEUTICS CORP.
XX
PI   Breton GL,  Osborne M;
XX
DR   WPI; 2003-895346/82.
DR   P-PSDB; ABO66846.
XX
PT   New nucleic acid encoding a Klebsiella pneumoniae polypeptide, useful for
PT   preparing a vaccine composition against Klebsiella pneumoniae.
XX
PS   Disclosure; SEQ ID NO 6192; 932pp; English.
XX
CC   The invention describes a new isolated nucleic acid encoding a Klebsiella
CC   pneumoniae polypeptide. Also described are: a recombinant expression
CC   vector comprising the nucleic acid, operably linked to a transcription
CC   regulatory element; and a cell comprising the recombinant expression
CC   vector. The nucleic acid is useful for preparing a vaccine composition
CC   against Klebsiella pneumoniae. This sequence encodes a Klebsiella
CC   pneumoniae polypeptide of the invention
XX
SQ   Sequence 1467 BP; 188 A; 485 C; 475 G; 319 T; 0 U; 0 Other;

  Query Match             77.9%;  Score 14.8;  DB 11;  Length 1467;
  Best Local Similarity   88.9%;  Pred. No. 7.6e+02;
  Matches   16;  Conservative    0;  Mismatches    2;  Indels    0;  Gaps    0;

Qy          1 CGGTATGCCCCGCGGATT 18
              | ||||||||||||| ||
Db       1009 CTGTATGCCCCGCGGCTT 1026


RESULT 40
ADF51098/c
ID   ADF51098 standard; cDNA; 1520 BP.
XX
AC   ADF51098;
XX
DT   12-FEB-2004  (first entry)
XX
DE   Human HN1 cDNA clone (SeqID 197).
XX
KW   ss; biomarker; breast cancer; human; cysteine rich intestinal protein 1;
KW   CRIP1; cysteine rich heart protein; HCRHP;
KW   haematological and neurological expressed sequence 1; HN1;
KW   second epithelium restricted Ets transcription factor; ESE-2;
KW   E74 like factor 5; ELF5.
XX
OS   Homo sapiens.
XX
PN   WO2003060164-A1.
XX
PD   24-JUL-2003.
XX
PF   20-DEC-2002; 2002WO-US041216.
XX
PR   21-DEC-2001; 2001US-00028018.
PR   01-AUG-2002; 2002US-00211015.
PR   28-OCT-2002; 2002US-00282596.
XX
PA   (ARCT-) ARCTURUS ENG INC.
PA   (GEHO ) GEN HOSPITAL CORP.
XX
PI   Erlander MG,  Ma X,  Sgroi DC;
XX
DR   WPI; 2003-598544/56.
XX
PT   Determining the presence of non-normal or abnormal breast cells in a
PT   sample from a human subject comprises assaying for the expression of
PT   biomarkers for breast cancer, particularly CRIP1, HN1 or ESE-2/ELF5
PT   sequences.
XX
PS   Disclosure; SEQ ID NO 197; 128pp; English.
XX
CC   This invention relates to methods for determining the presence of
CC   abnormal breast cells based upon the identification of three novel
CC   biomarkers. Specifically, it refers to three genes that are
CC   differentially expressed in breast cancer. Two genes are more highly
CC   expressed in breast cancer, namely the human cysteine rich intestinal
CC   protein 1 (CRIP1), which is also known as the human cysteine rich heart
CC   protein (HCRHP) that has been mapped to chromosome 7q11.12 and secondly
CC   the haematological and neurological expressed sequence 1 (HN1 or Hn1).
CC   The third gene exhibits decreased expression in abnormal breast cells and
CC   has been identified as the second epithelium restricted Ets transcription
CC   factor (ESE-2), where ESE-2b is identical to the E74 like factor 5
CC   (ELF5). The present invention describes a method for correlating a
CC   molecular expression phenotype with a physiological state of abnormal
CC   breast cells. Accordingly, this method provides a non-subjective means
CC   for detecting abnormal breast cells, and as is advantageous over
CC   histomorphological or cytological criteria for assessing breast cancer.
CC   This polynucleotide sequence is a human haematological and neurological
CC   expressed sequence 1 cDNA clone, a biomarker of the invention.
XX
SQ   Sequence 1520 BP; 307 A; 497 C; 325 G; 382 T; 0 U; 9 Other;

  Query Match             77.9%;  Score 14.8;  DB 10;  Length 1520;
  Best Local Similarity   88.9%;  Pred. No. 7.6e+02;
  Matches   16;  Conservative    0;  Mismatches    2;  Indels    0;  Gaps    0;

Qy          1 CGGTATGCCCCGCGGATT 18
              | ||||||||||||| |||
Db        893 CTGTATGCCCCGCGAATT 876


Search completed: October 28, 2005, 16:46:20
Job time : 275 secs
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GenCore version 5.1.6
Copyright (c) 1993 - 2005 Compugen Ltd.

OM nucleic - nucleic search, using sw model

Run on: October 28, 2005, 06:40:15 ; Search time 1957 Seconds
(without alignments)
369.556 Million cell updates/sec

Title: US-10-729-421-53
Perfect score: 19
Sequence: 1 cggtatgccccgcggattg 19

Scoring table: IDENTITY_NUC
Gapop 10.0 , Gapext 1.0

Searched: 34239544 seqs, 19032134700 residues

Total number of hits satisfying chosen parameters: 68479088

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 100 summaries

Database : EST:*
1: gb_est1:*
2: gb_est2:*
3: gb_htc:*
4: gb_est3:*
5: gb_est4:*
6: gb_est5:*
7: gb_est6:*
8: gb_gss1:*
9: gb_gss2:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	% Query Match	Length	DB	ID	Description
1	18	94.7	976	2	BF797218	BF797218 602257714
c 2	16.4	86.3	462	6	CA027704	CA027704 HZ59M04r
c 3	16.4	86.3	478	6	CD924025	CD924025 G750.111D
c 4	16.4	86.3	542	5	BQ239171	BQ239171 TaE05036C
c 5	16.4	86.3	587	6	CA729119	CA729119 wd1lc.pk0
c 6	16.4	86.3	609	4	BJ292465	BJ292465 BJ292465
c 7	16.4	86.3	631	6	CD894114	CD894114 G118.125G
c 8	16.4	86.3	642	2	BE470888	BE470888 WHE0280_E
c 9	16.4	86.3	848	2	BF267483	BF267483 HV_CEa001
c 10	16	84.2	737	2	BF505826	BF505826 AT08222.5
c 11	16	84.2	1321	5	BU516033	BU516033 AGENCOURT
12	15.8	83.2	198	5	BU095779	BU095779 tca-264 t
c 13	15.8	83.2	213	1	AV389481	AV389481 AV389481
c 14	15.8	83.2	382	4	BI528844	BI528844 1024093H1
c 15	15.8	83.2	396	5	BX610788	BX610788 BX610788
c 16	15.8	83.2	405	1	AU184412	AU184412 AU184412
c 17	15.8	83.2	432	7	CO155047	CO155047 EN05255.5
c 18	15.8	83.2	451	5	BX618499	BX618499 BX618499
c 19	15.8	83.2	455	7	CV031713	CV031713 RTNACL1_3
c 20	15.8	83.2	496	5	BX614317	BX614317 BX614317
21	15.8	83.2	505	1	AA683425	AA683425 SWOvL3CAN
22	15.8	83.2	534	6	CB404286	CB404286 OSTR020G2
c 23	15.8	83.2	536	1	AI532051	AI532051 SD03413.5
c 24	15.8	83.2	540	5	BX618632	BX618632 BX618632
c 25	15.8	83.2	543	5	BX626203	BX626203 BX626203
c 26	15.8	83.2	561	5	BX616580	BX616580 BX616580
27	15.8	83.2	568	2	AW318927	AW318927 un09e11.y
c 28	15.8	83.2	584	4	BM605368	BM605368 170006870
c 29	15.8	83.2	585	4	BM641051	BM641051 170006873
c 30	15.8	83.2	594	5	BX628384	BX628384 BX628384
c 31	15.8	83.2	597	4	BI721504	BI721504 1031056C1
c 32	15.8	83.2	598	4	BM653621	BM653621 170006873
c 33	15.8	83.2	601	4	BM641691	BM641691 170006873
c 34	15.8	83.2	605	8	AQ952160	AQ952160 Sheared D
c 35	15.8	83.2	607	4	BG636165	BG636165 SD13765.5
36	15.8	83.2	622	5	BX466755	BX466755 BX466755
c 37	15.8	83.2	628	7	CR528163	CR528163 CR528163
c 38	15.8	83.2	636	7	CR536300	CR536300 CR536300
c 39	15.8	83.2	647	4	BM640645	BM640645 170006872
c 40	15.8	83.2	652	7	CK581015	CK581015 IST_WI5_3
c 41	15.8	83.2	656	1	AL934777	AL934777 AL934777
c 42	15.8	83.2	656	5	BX621948	BX621948 BX621948
43	15.8	83.2	658	8	AQ621860	AQ621860 HS_3107_B
c 44	15.8	83.2	663	4	BI726376	BI726376 1031084H0
c 45	15.8	83.2	664	4	BM639314	BM639314 170006875
46	15.8	83.2	690	7	CR528162	CR528162 CR528162
47	15.8	83.2	709	7	CO092812	CO092812 GR__Ea14B
c 48	15.8	83.2	718	4	BM602899	BM602899 170006870
c 49	15.8	83.2	740	7	CF869900	CF869900 tric020xm
c 50	15.8	83.2	801	6	CB899836	CB899836 tric020xc
51	15.8	83.2	892	5	BU191977	BU191977 AGENCOURT
52	15.8	83.2	927	6	CD328055	CD328055 AGENCOURT
c 53	15.8	83.2	1013	9	CL120199	CL120199 ISB1-78J1
c 54	15.8	83.2	1108	6	CA177299	CA177299 SCQGST103
55	15.8	83.2	1228	9	AG107422	AG107422 Pan trogl
c 56	15.8	83.2	1437	5	BQ896991	BQ896991 AGENCOURT
c 57	15.4	81.1	358	7	CN121660	CN121660 TgESTzyk9
58	15.4	81.1	546	4	BI181926	BI181926 UNL-P-FN-
59	15.4	81.1	579	4	BG673009	BG673009 DRNBHD11
c 60	15.4	81.1	583	6	CA655853	CA655853 wlm0.pk00
c 61	15.4	81.1	649	9	AG155653	AG155653 Pan trogl
c 62	15.4	81.1	760	6	CB317814	CB317814 AGENCOURT
63	15.4	81.1	834	7	CO009705	CO009705 EST798040
c 64	15.4	81.1	834	7	CO013912	CO013912 EST802247
c 65	15.4	81.1	893	9	CG379886	CG379886 OG2AQ57TH
c 66	15.4	81.1	936	7	CO009706	CO009706 EST798041
c 67	15.4	81.1	1021	9	CC994723	CC994723 ZUAHE51TV
68	15	78.9	210	7	CK909281	CK909281 rhzma0_00
69	15	78.9	333	7	CK908891	CK908891 rhzma0_00
70	15	78.9	342	7	CK908590	CK908590 rhzma0_00
71	15	78.9	359	7	CK909095	CK909095 rhzma0_00
72	15	78.9	367	7	CK909443	CK909443 rhzma0_00
73	15	78.9	368	7	CK909069	CK909069 rhzma0_00
74	15	78.9	374	7	CK907549	CK907549 rhzma0_00
75	15	78.9	379	7	CK909068	CK909068 rhzma0_00
76	15	78.9	396	7	CK908472	CK908472 rhzma0_00
77	15	78.9	398	7	CK909061	CK909061 rhzma0_00
78	15	78.9	399	4	BI805718	BI805718 S043G07 S
79	15	78.9	399	7	CK909279	CK909279 rhzma0_00
80	15	78.9	414	7	CK907293	CK907293 rhzma0_00
81	15	78.9	414	7	CK908074	CK908074 rhzma0_00
82	15	78.9	435	7	CK909420	CK909420 rhzma0_00
83	15	78.9	438	7	CK907618	CK907618 rhzma0_00
84	15	78.9	438	7	CK909071	CK909071 rhzma0_00
85	15	78.9	440	7	CK908197	CK908197 hzma0_005
86	15	78.9	442	7	CK909481	CK909481 rhzma0_00
87	15	78.9	444	7	CK908690	CK908690 rhzma0_00
88	15	78.9	448	7	CK909058	CK909058 rhzma0_00
89	15	78.9	451	7	CK908565	CK908565 rhzma0_00
90	15	78.9	455	7	CK906849	CK906849 rhzma0_00
91	15	78.9	457	7	CK908032	CK908032 rhzma0_00
92	15	78.9	463	7	CK908153	CK908153 hzma0_005
93	15	78.9	463	7	CK908612	CK908612 rhzma0_00
94	15	78.9	467	7	CK907835	CK907835 rhzma0_00
95	15	78.9	473	7	CK909580	CK909580 rhzma0_00
96	15	78.9	476	7	CK908896	CK908896 rhzma0_00
97	15	78.9	478	7	CK433957	CK433957 rhzma0_00

98	15	78.9	478	7	CK907976	CK907976 rhzma0_00
99	15	78.9	485	7	CK908056	CK908056 rhzma0_00
100	15	78.9	486	7	CK908554	CK908554 rhzma0_00

ALIGNMENTS

RESULT 1
BF797218
LOCUS BF797218 976 bp mRNA linear EST 12-JAN-2001
DEFINITION 602257714F1 NIH_MGC_85 Homo sapiens cDNA clone IMAGE:4341242 5', mRNA sequence.
ACCESSION BF797218
VERSION BF797218.1 GI:12102272
KEYWORDS EST.
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE 1 (bases 1 to 976)
AUTHORS NIH-MGC http://mgc.nci.nih.gov/.
TITLE National Institutes of Health, Mammalian Gene Collection (MGC)
JOURNAL Unpublished (1999)
COMMENT Contact: Robert Strausberg, Ph.D.
Email: cgapbs-r@mail.nih.gov
Tissue Procurement: Louis Staudt, M.D., Ph.D.
cDNA Library Preparation: Life Technologies, Inc.
cDNA Library Arrayed by: The I.M.A.G.E. Consortium (LLNL)
DNA Sequencing by: Incyte Genomics, Inc.
Clone distribution: MGC clone distribution information can be found through the I.M.A.G.E. Consortium/LLNL at:
http://image.llnl.gov
Plate: LLAM9954 row: k column: 03
High quality sequence stop: 720.
FEATURES Location/Qualifiers
source 1. .976
/organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="taxon:9606"
/clone="IMAGE:4341242"
/tissue_type="lymphoma, cell line"
/lab_host="DH10B (phage-resistant)"
/clone_lib="NIH_MGC_85"
/note="Organ: lymph; Vector: pCMV-SPORT6; Site_1: NotI; Site_2: SalI; Cloned unidirectionally; oligo-dT primed. Average insert size 1.867 kb. Library enriched for full-length clones and constructed by Life Technologies. Note: this is a NIH_MGC Library."
ORIGIN

Query Match 94.7%; Score 18; DB 2; Length 976;
Best Local Similarity 100.0%; Pred. No. 50;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Qy          2 GGTATGCCCCGCGGATTG 19
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Db        806 GGTATGCCCCGCGGATTG 823
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RESULT 2
CA027704/c
LOCUS CA027704 462 bp mRNA linear EST 23-OCT-2002
DEFINITION HZ59M04r HZ Hordeum vulgare subsp. vulgare cDNA clone HZ59M04 5-PRIME, mRNA sequence.
ACCESSION CA027704
VERSION CA027704.1 GI:24305078
KEYWORDS EST.
SOURCE Hordeum vulgare subsp. vulgare
ORGANISM Hordeum vulgare subsp. vulgare
Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta; Spermatophyta; Magnoliophyta; Liliopsida; Poales; Poaceae; Pooideae; Triticeae; Hordeum.
REFERENCE 1 (bases 1 to 462)
AUTHORS Radchuk,V., Zhang,H., Weschke,W., Potokina,E. and Wobus,U.
TITLE Barley ESTs from developing seeds
JOURNAL Unpublished (2002)
COMMENT Contact: Stein Nils
Molecular Markers Group, Department Genbank
Institute of Plant Genetics and Crop Plant Research (IPK)
Correnssstr. 3, 06466, Gatersleben, Germany
Tel: 039482-5522
Fax: 039482-5595
Email: stein@ipk-gatersleben.de
Insert Length: 462 Std Error: 0.00
Plate: 59 row: M column: 4
Seq primer: M13rev.
FEATURES Location/Qualifiers
source 1. .462
/organism="Hordeum vulgare subsp. vulgare"
/mol_type="mRNA"
/cultivar="barke"
/sub_species="vulgare"
/db_xref="GABI:281141"
/db_xref="taxon:112509"
/clone="HZ59M04"
/tissue_type="pericarp"
/dev_stage="0-7 DAP (days after pollination)"
/lab_host="XL10-Gold"
/clone_lib="HZ"
/note="Vector: pBluescript SK+; Site_1: EcoRI (5'-end of cDNA); Site_2: XhoI (3'-end of cDNA); pericarp 0-7 DAP(days after pollination). Due to a cloning artefact caused by the kit, in most cases the EcoRI site is NOT present, as well as the EcoRIadapter used for cloning. To excise the insert, restriction sites upstream EcoRI should be used (e.g. BamHI, SalI,PstI). NOTE: Also due to the cloning system used Blue/white selection for recombinats is not 100% reliable.Average insert size is 900 bp"
ORIGIN

Query Match 86.3%; Score 16.4; DB 6; Length 462;
Best Local Similarity 94.4%; Pred. No. 3.7e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

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Qy          1 CGGTATGCCCCGCGGATT 18
              |||||||||| |||||||
Db        223 CGGTATGCCCTGCGGATT 206
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RESULT 3
CD924025/c
LOCUS CD924025 478 bp mRNA linear EST 15-JUL-2003
DEFINITION G750.111D07F010705 G750 Triticum aestivum cDNA clone G750111D07, mRNA sequence.
ACCESSION CD924025
VERSION CD924025.1 GI:32771789
KEYWORDS EST.
SOURCE Triticum aestivum (bread wheat)
ORGANISM Triticum aestivum
Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta; Spermatophyta; Magnoliophyta; Liliopsida; Poales; Poaceae; Pooideae; Triticeae; Triticum.
REFERENCE 1 (bases 1 to 478)
AUTHORS Genoplante.
TITLE Genoplante, a major partnership french program in plant genomics
JOURNAL Unpublished (2003)
COMMENT Contact: Genoplante
Genoplante
93, rue Henri Rochefort 91025 EVRY CEDEX France
Tel: 33 1 69 47 54 00
Fax: 33 1 69 47 54 10
This sequence has been generated in the framework of the french plant genomics programme 'Genoplante' (http://www.genoplante.com and http://genoplante-info.infobiogen.fr).
FEATURES Location/Qualifiers

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     source          1. .478
                     /organism="Triticum aestivum"
                     /mol_type="mRNA"
                     /cultivar="recital"
                     /db_xref="taxon:4565"
                     /clone="G750111D07"
                     /tissue_type="grain (750 degrees per day after
                     pollination)"
                     /clone_lib="G750"
ORIGIN

  Query Match             86.3%;  Score 16.4;  DB 6;  Length 478;
  Best Local Similarity   94.4%;  Pred. No. 3.7e+02;
  Matches   17;  Conservative    0;  Mismatches    1;  Indels    0;  Gaps    0;

Qy          1 CGGTATGCCCCGCGGATT 18
              |||||||||| |||||||
Db        308 CGGTATGCCCTGCGGATT 291


RESULT 4
BQ239171/c
LOCUS       BQ239171                542 bp    mRNA    linear   EST 03-MAY-2002
DEFINITION  TaE05036C12R TaE05 Triticum aestivum cDNA clone TaE05036C12R, mRNA
            sequence.
ACCESSION   BQ239171
VERSION     BQ239171.1  GI:20435047
KEYWORDS    EST.
SOURCE      Triticum aestivum (bread wheat)
  ORGANISM  Triticum aestivum
            Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
            Spermatophyta; Magnoliophyta; Liliopsida; Poales; Poaceae;
            Pooideae; Triticeae; Triticum.
REFERENCE   1  (bases 1 to 542)
  AUTHORS   Cloutier,S.
  TITLE     Wheat functional genomics - Glenlea developing seeds cDNA libraries
  JOURNAL   Unpublished (2002)
COMMENT     Contact: Dr. Sylvie Cloutier
            Cereal Research Centre, Agriculture and Agri-food Canada
            195 Dafoe Rd, Winnipeg, MB, Canada R3T 2M9
            Tel: (204) 983-2340
            Fax: (204) 983-4604
            Email: scloutier@agr.gc.ca
            was cloned directionally, not all sequences generated with reverse
            primer were from the 5' end (same with forward primer and 3' end).
            Average insert size is >2.0 kb
            Plate: 036  row: C  column: 12
            Seq primer: M13 Reverse.
FEATURES             Location/Qualifiers
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                     /organism="Triticum aestivum"
                     /mol_type="mRNA"
                     /cultivar="Glenlea"
                     /db_xref="taxon:4565"
                     /clone="TaE05036C12R"
                     /tissue_type="developing seeds"
                     /dev_stage="5 days after anthesis"
                     /lab_host="E. coli DH10B"
                     /clone_lib="TaE05"
                     /note="Vector: pSPORT-P (Invitrogen Technologies); Site_1:
                     NotI; Site_2: MluI; mRNA obtained from wheat seeds of
                     cultivar Glenlea 5 days post-anthesis"
ORIGIN

  Query Match             86.3%;  Score 16.4;  DB 5;  Length 542;
  Best Local Similarity   94.4%;  Pred. No. 3.7e+02;
  Matches   17;  Conservative    0;  Mismatches    1;  Indels    0;  Gaps    0;

Qy          1 CGGTATGCCCCGCGGATT 18
              |||||||||| |||||||
Db        324 CGGTATGCCCTGCGGATT 307


RESULT 5
CA729119/c
LOCUS       CA729119                587 bp    mRNA    linear   EST 26-NOV-2002
DEFINITION  wd1lc.pk007.i6 wd1lc Triticum aestivum cDNA clone wd1lc.pk007.i6 5'
            end, mRNA sequence.
ACCESSION   CA729119
VERSION     CA729119.1  GI:25451121
KEYWORDS    EST.
SOURCE      Triticum aestivum (bread wheat)
  ORGANISM  Triticum aestivum
            Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
            Spermatophyta; Magnoliophyta; Liliopsida; Poales; Poaceae;
            Pooideae; Triticeae; Triticum.
REFERENCE   1  (bases 1 to 587)
  AUTHORS   Tingey,S.V., Powell,W., Wolters,P., Dolan,M., Hainey,C., Yuan,Z.,
            Miao,G., Caraher,N. and Hanafey,M.K.
  TITLE     DuPont Wheat cDNA Sequence
  JOURNAL   Unpublished (2002)
COMMENT     Contact: Scott V. Tingey
            Crop Genetics
            E. I. DuPont de Nemours and Company
            1 Innovation Way, P.O. Box 6104, Newark, DE 19714-6104, USA
            Tel: 302-631-2602
            Fax: 302-631-2607
            Email: Scott.V.Tingey@USA.dupont.com
            Seq primer: M13.
FEATURES             Location/Qualifiers
     source          1. .587
                     /organism="Triticum aestivum"
                     /mol_type="mRNA"
                     /db_xref="taxon:4565"
                     /clone="wd1lc.pk007.i6"
                     /tissue_type="inflorescence"
                     /lab_host="DH10B"
                     /clone_lib="wd1lc"
                     /note="Vector: pBluescript SK+; Site_1: EcoRI; Site_2:
                     XhoI; Wheat (Triticum aestivum, Hi Line) developing
                     inflorescence +/- 4 cm"
ORIGIN

  Query Match             86.3%;  Score 16.4;  DB 6;  Length 587;
  Best Local Similarity   94.4%;  Pred. No. 3.7e+02;
  Matches   17;  Conservative    0;  Mismatches    1;  Indels    0;  Gaps    0;

Qy          1 CGGTATGCCCCGCGGATT 18
              |||||||||| |||||||
Db        262 CGGTATGCCCTGCGGATT 245


RESULT 6
BJ292465/c
LOCUS       BJ292465                609 bp    mRNA    linear   EST 09-APR-2002
DEFINITION  BJ292465 Y. Ogihara unpublished cDNA library, Wh_SL Triticum
            aestivum cDNA clone whsl27n18 5', mRNA sequence.
ACCESSION   BJ292465
VERSION     BJ292465.1  GI:20108680
KEYWORDS    EST.
SOURCE      Triticum aestivum (bread wheat)
  ORGANISM  Triticum aestivum
            Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
            Spermatophyta; Magnoliophyta; Liliopsida; Poales; Poaceae;
            Pooideae; Triticeae; Triticum.
REFERENCE   1  (bases 1 to 609)
  AUTHORS   Ogihara,Y. and Murai,K.
  TITLE     Expressed genes in Triticum aestivum
  JOURNAL   Unpublished (2002)
COMMENT     Contact: Tadasu Shin-i
            Center For Genetic Resource Information
            National Institute of Genetics
            1111 Yata, Mishima, Shizuoka 411-8540, Japan
            Tel: 81-559-81-6856
            Fax: 81-559-81-6855
            Email: tshini@genes.nig.ac.jp.
```

```
FEATURES             Location/Qualifiers
     source          1. .609
                     /organism="Triticum aestivum"
                     /mol_type="mRNA"
                     /cultivar="Chinese Spring"
                     /db_xref="taxon:4565"
                     /clone="whsl27n18"
                     /tissue_type="seed DPA30"
                     /dev_stage="Feekes' scale 11.3"
                     /clone_lib="Y. Ogihara unpublished cDNA library, Wh_SL"
ORIGIN

  Query Match             86.3%;  Score 16.4;  DB 4;  Length 609;
  Best Local Similarity   94.4%;  Pred. No. 3.7e+02;
  Matches   17;  Conservative    0;  Mismatches    1;  Indels    0;  Gaps    0;

Qy          1 CGGTATGCCCCGCGGATT 18
              |||||||||| |||||||
Db         72 CGGTATGCCCTGCGGATT 55


RESULT 7
CD894114/c
LOCUS       CD894114                631 bp    mRNA    linear   EST 14-JUL-2003
DEFINITION  G118.125G15F010828 G118 Triticum aestivum cDNA clone G118125G15,
            mRNA sequence.
ACCESSION   CD894114
VERSION     CD894114.1  GI:32665323
KEYWORDS    EST.
SOURCE      Triticum aestivum (bread wheat)
  ORGANISM  Triticum aestivum
            Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
            Spermatophyta; Magnoliophyta; Liliopsida; Poales; Poaceae;
            Pooideae; Triticeae; Triticum.
REFERENCE   1  (bases 1 to 631)
  AUTHORS   Genoplante.
  TITLE     Genoplante, a major partnership french program in plant genomics
  JOURNAL   Unpublished (2003)
COMMENT     Contact: Genoplante
            Genoplante
            93, rue Henri Rochefort 91025 EVRY CEDEX France
            Tel: 33 1 69 47 54 00
            Fax: 33 1 69 47 54 10
            This sequence has been generated in the framework of the french
            plant genomics programme 'Genoplante' (http://www.genoplante.com
            and http://genoplante-info.infobiogen.fr).
FEATURES             Location/Qualifiers
     source          1. .631
                     /organism="Triticum aestivum"
                     /mol_type="mRNA"
                     /cultivar="recital"
                     /db_xref="taxon:4565"
                     /clone="G118125G15"
                     /tissue_type="grain (118 degrees per day after
                     pollination)"
                     /clone_lib="G118"
ORIGIN

  Query Match             86.3%;  Score 16.4;  DB 6;  Length 631;
  Best Local Similarity   94.4%;  Pred. No. 3.7e+02;
  Matches   17;  Conservative    0;  Mismatches    1;  Indels    0;  Gaps    0;

Qy          1 CGGTATGCCCCGCGGATT 18
              |||||||||| |||||||
Db        276 CGGTATGCCCTGCGGATT 259


RESULT 8
BE470888/c
LOCUS       BE470888                642 bp    mRNA    linear   EST 28-JUL-2000
DEFINITION  WHE0280_E11_I22ZS Wheat drought-stressed seedling cDNA library
            Triticum aestivum cDNA clone WHE0280_E11_I22, mRNA sequence.
ACCESSION   BE470888
VERSION     BE470888.1  GI:9561295
KEYWORDS    EST.
SOURCE      Triticum aestivum (bread wheat)
  ORGANISM  Triticum aestivum
            Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
            Spermatophyta; Magnoliophyta; Liliopsida; Poales; Poaceae;
            Pooideae; Triticeae; Triticum.
REFERENCE   1  (bases 1 to 642)
  AUTHORS   Anderson,O.D., Chao,S., Choi,D.W., Close,T.J., Fenton,R.D.,
            Han,P.S., Hsia,C.C., Kang,Y., Lazo,G.R., Miller,R., Rausch,C.J.,
            Seaton,C.L. and Tong,J.C.
  TITLE     The structure and function of the expressed portion of the wheat
            genomes - Drought-stressed seedling cDNA library
  JOURNAL   Unpublished (2000)
COMMENT     Contact: Olin Anderson
            US Department of Agriculture, Agriculture Research Service, Pacific
            West Area, Western Regional Research Center
            800 Buchanan Street, Albany, CA 94710, USA
            Tel: 5105595773
            Fax: 5105595818
            Email: oandersn@pw.usda.gov
            Sequence have been trimmed to remove vector sequence and low
            quality sequence with phred score less than 20
            Seq primer: Stratagene SK primer.
FEATURES             Location/Qualifiers
     source          1. .642
                     /organism="Triticum aestivum"
                     /mol_type="mRNA"
                     /cultivar="Chinese Spring"
                     /db_xref="taxon:4565"
                     /clone="WHE0280_E11_I22"
                     /tissue_type="Seedling without endosperm"
                     /dev_stage="Five day old seedling"
                     /lab_host="E. coli SOLR"
                     /clone_lib="Wheat drought-stressed seedling cDNA library"
                     /note="Vector: Lambda Uni-ZAP XR, excised phagemid;
                     Site_1: EcoRI; Site_2: XhoI; Seeds were
                     surface-sterilized, germinated and grown aseptically in
                     the  dark at room temperature on filter paper with water,
                     nystatin and  cefotaxime in covered crystallization
                     dishes. Five-day old seedlings  were incubated for one day
                     at 90% RH.  After removing endosperm,  seedlings were
                     transferred to desiccator jar containing saturated MgSO4
                     at room temperature for 24 hr.  The tissue, total RNA, and
                     poly(A) RNA  were prepared, a cDNA library was made, and
                     the cDNA clones were in  vivo excised to give pBluescript
                     phagemids in the TJ Close lab (Choi,  Close, Fenton) at
                     the University of California, Riverside.  Plasmid  DNA
                     preparations and DNA sequencing were performed in the OD
                     Anderson lab (all other authors)."
ORIGIN

  Query Match             86.3%;  Score 16.4;  DB 2;  Length 642;
  Best Local Similarity   94.4%;  Pred. No. 3.7e+02;
  Matches   17;  Conservative    0;  Mismatches    1;  Indels    0;  Gaps    0;

Qy          1 CGGTATGCCCCGCGGATT 18
              |||||||||| |||||||
Db        209 CGGTATGCCCTGCGGATT 192


RESULT 9
BF267483/c
LOCUS       BF267483                848 bp    mRNA    linear   EST 23-OCT-2001
DEFINITION  HV_CEa0018B05f Hordeum vulgare seedling green leaf EST library
            HVcDNA0004 (Blumeria challenged) Hordeum vulgare subsp. vulgare
            cDNA clone HV_CEa0018B05f, mRNA sequence.
ACCESSION   BF267483
VERSION     BF267483.2  GI:13263412
KEYWORDS    EST.
SOURCE      Hordeum vulgare subsp. vulgare
  ORGANISM  Hordeum vulgare subsp. vulgare
            Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
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            Spermatophyta; Magnoliophyta; Liliopsida; Poales; Poaceae;
            Pooideae; Triticeae; Hordeum.
REFERENCE   1  (bases 1 to 848)
  AUTHORS   Wing,R., Close,T.J., Kleinhofs,A., Wise,R., Wei,F., Begum,D.,
            Frisch,D., Yu,Y., Henry,D., Palmer,M., Rambo,T., Simmons,J.,
            Choi,D.W., Fenton,R.D., Oates,R. and Main,D.
  TITLE     Development of a genetically and physically anchored EST resource
            for barley genomics: Blumeria infected incompatible (Mla13)
            seedling leaf cDNA library
  JOURNAL   Unpublished (2001)
COMMENT     On Nov 17, 2000 this sequence version replaced gi:11198478.
            Contact: Wing RA
            Clemson University Genomics Institute
            Clemson University
            100 Jordan Hall, Clemson, SC 29634, USA
            Tel: 864 656 7288
            Fax: 864 656 4293
            Email: rwing@clemson.edu
            Total hq bases = 409
            Seq primer: AATTAACCCTCACTAAAGGG
            High quality sequence stop: 666.
FEATURES             Location/Qualifiers
     source          1. .848
                     /organism="Hordeum vulgare subsp. vulgare"
                     /mol_type="mRNA"
                     /cultivar="CI16155 (Mla13)"
                     /sub_species="vulgare"
                     /db_xref="taxon:112509"
                     /clone="HV_CEa0018B05f"
                     /tissue_type="seedling green leaf"
                     /lab_host="TJC121"
                     /clone_lib="Hordeum vulgare seedling green leaf EST
                     library HVcDNA0004 (Blumeria challenged)"
                     /note="Vector: lambdaZAP; Site_1: EcoR1; Site_2: Xho1;
                     C.I. 16155 (Mla13) plants were greenhouse grown in the R
                     Wise lab at Iowa State University, Ames, IA; 7 day old
                     green seedlings were challenged with isolate A27
                     (AvrMla13) of Blumeria graminis f. sp. hordei, and leaves
                     were harvested 20 and 24 hr post-inoculation and snap
                     frozen; uninoculated leaves were harvested 20 hr
                     post-inoculation (Wei, Wise). In the TJ Close lab at the
                     University of California, Riverside, total RNA was
                     prepared from each sample pool, equal quantities of all
                     three RNA pools were combined, poly(A) RNA was purified
                     from the mixture, one cDNA library was made, and 1 million
                     pfu were in vivo excised to give pBluescript SK(-) cDNA
                     phagemids (Choi, Close). Phagemids were plated and picked
                     at the Clemson University Genomics Institute (CUGI)
                     (Begum, Palmer, Frisch, Atkins and Wing). Plasmid DNA
                     preparations, DNA sequencing and sequence analysis were
                     performed at CUGI (Wing, Yu, Frisch, Henry, Simmons,
                     Oates, Rambo, Main). The sequence has been trimmed to
                     remove vector sequence and contains a minimum of 100 bases
                     of phred value 20 or above. For more details on library
                     preparation and sequence analysis see
                     http://www.genome.clemson.edu/projects/barley. To order
                     this clone see http://www.genome.clemson.edu/orders Also
                     see Close TJ, Wing R, Kleinhofs A, Wise R (2001)
                     Genetically and physically anchored EST resources for
                     barley genomics. Barley Genetics Newsletter 31:29-30.
                     (http://wheat.pw.usda.gov/ggpages/bgn/31/cover.html)"
ORIGIN

  Query Match             86.3%;  Score 16.4;  DB 2;  Length 848;
  Best Local Similarity   94.4%;  Pred. No. 3.7e+02;
  Matches   17;  Conservative    0;  Mismatches    1;  Indels    0;  Gaps    0;

Qy          1 CGGTATGCCCCGCGGATT 18
              |||||||||| |||||||
Db        146 CGGTATGCCCTGCGGATT 129


RESULT 10
BF505826/c
LOCUS       BF505826                737 bp    mRNA    linear   EST 02-DEC-2003
DEFINITION  AT08222.5prime AT Drosophila melanogaster adult testes pOTB7
            Drosophila melanogaster cDNA clone AT08222 5 similar to CG15873:
            FBan0015873 GO:[serine-type endopeptidase (GO:0004252)] located on:
            2R 60D1-60D1;: 08/12/2002, mRNA sequence.
ACCESSION   BF505826
VERSION     BF505826.2  GI:13688487
KEYWORDS    EST.
SOURCE      Drosophila melanogaster (fruit fly)
  ORGANISM  Drosophila melanogaster
            Eukaryota; Metazoa; Arthropoda; Hexapoda; Insecta; Pterygota;
            Neoptera; Endopterygota; Diptera; Brachycera; Muscomorpha;
            Ephydroidea; Drosophilidae; Drosophila.
REFERENCE   1  (bases 1 to 737)
  AUTHORS   Stapleton,M., Brokstein,P., Hong,L., Agbayani,A., Baxter,E.,
            Berman,B., Carlson,J., Champe,M., Chavez,C., Chew,M., Dorsett,V.,
            Farfan,D., Frise,E., George,R., Gonzalez,M., Guarin,H., Harris,N.,
            Li,P., Liao,G., Miranda,A., Misra,S., Mungall,C.J., Nunoo,J.,
            Pacleb,J., Paragas,V., Park,S., Phouanenavong,S., Wan,K., Yu,C.,
            Lewis,S.E., Celniker,S. and Rubin,G.M.
  TITLE     BDGP/HHMI AT Drosophila EST Project
  JOURNAL   Unpublished (2000)
COMMENT     On Dec 6, 2000 this sequence version replaced gi:11589202.
            Other_ESTs: AT08222.3prime
            Contact: Stapleton, M.
            BDGP
            Lawrence Berkeley National Lab
            One Cyclotron Rd, Berkeley, CA 94720, USA
            Fax: 510 486 6798
            Email: http://www.fruitfly.org/EST, est@fruitfly.berkeley.edu
            Based upon one or more reads of this clone where vector sequence
            was present at both ends, this clone has been determined to contain
            contain a cDNA insert on the order of 600-1000 bases. hit genomic
            AE003464: arm:2R [19302361,19609208] estimated-cyto:60C8-60D10:
            04/07/2001
            Plate: AT.82  row: B  column: 10
            High quality sequence stop: 712.
FEATURES             Location/Qualifiers
     source          1. .737
                     /organism="Drosophila melanogaster"
                     /mol_type="mRNA"
                     /db_xref="taxon:7227"
                     /clone="AT08222"
                     /sex="male"
                     /dev_stage="0-3 day old Ore-R males"
                     /lab_host="Plates AT.10-AT.120: DH5-alpha. Plates
                     AT.121-AT.319: DH5-alpha TonA"
                     /clone_lib="AT Drosophila melanogaster adult testes pOTB7"
                     /note="Organ: ADULT testes; Vector: pOTB7; Site_1: EcoRI;
                     Site_2: Xho1; The mRNA for the testis library was made
                     from testes and seminal vessicles hand dissected from 0-3
                     day old Ore-R males. RNA kindly provided by the lab of
                     Margaret Fuller. Sized fractionated cDNAs were directly
                     ligated into pOTB7. Plasmid cDNA library."
ORIGIN

  Query Match             84.2%;  Score 16;  DB 2;  Length 737;
  Best Local Similarity   100.0%;  Pred. No. 6.2e+02;
  Matches   16;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy          3 GTATGCCCCGCGGATT 18
              ||||||||||||||||
Db        170 GTATGCCCCGCGGATT 155


RESULT 11
BU516033/c
LOCUS       BU516033                1321 bp    mRNA    linear   EST 12-SEP-2002
DEFINITION  AGENCOURT_10137462 NIH_MGC_134 Mus musculus cDNA clone
            IMAGE:6512729 5', mRNA sequence.
ACCESSION   BU516033
VERSION     BU516033.1  GI:22823559
```

```
KEYWORDS    EST.
SOURCE      Mus musculus (house mouse)
  ORGANISM  Mus musculus
            Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
            Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
REFERENCE   1  (bases 1 to 1321)
  AUTHORS   NIH-MGC http://mgc.nci.nih.gov/.
  TITLE     National Institutes of Health, Mammalian Gene Collection (MGC)
  JOURNAL   Unpublished (1999)
COMMENT     Contact: Robert Strausberg, Ph.D.
            Email: cgapbs-r@mail.nih.gov
            Tissue Procurement: Dr. David Rowe
             cDNA Library Preparation: Invitrogen Corp
             cDNA Library Arrayed by: The I.M.A.G.E. Consortium (LLNL)
             DNA Sequencing by: Agencourt Bioscience Corporation
             Clone distribution: MGC clone distribution information can be
            found through the I.M.A.G.E. Consortium/LLNL at:
            http://image.llnl.gov
            Plate: LLAM14085  row: e  column: 18
            High quality sequence start: 53
            High quality sequence stop: 245.
FEATURES             Location/Qualifiers
     source          1. .1321
                     /organism="Mus musculus"
                     /mol_type="mRNA"
                     /db_xref="taxon:10090"
                     /clone="IMAGE:6512729"
                     /tissue_type="undifferentiated limb"
                     /lab_host="DH10B (phage-resistant)"
                     /clone_lib="NIH_MGC_134"
                     /note="Vector: pCMV-SPORT6.1; Site_1: EcoRV; Site_2: NotI;
                     Cloned unidirectionally. Primer: Oligo dT. Average insert
                     size 1.7 kb. Constructed by ResGen, Invitrogen Corp. Note:
                     this is a NIH_MGC Library."
ORIGIN

  Query Match             84.2%;  Score 16;  DB 5;  Length 1321;
  Best Local Similarity   100.0%;  Pred. No. 6.3e+02;
  Matches   16;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy          1 CGGTATGCCCCGCGGA 16
              ||||||||||||||||
Db       1186 CGGTATGCCCCGCGGA 1171


RESULT 12
BU095779
LOCUS       BU095779                198 bp    mRNA    linear   EST 14-MAR-2003
DEFINITION  tca-264 tca Trypanosoma carassii cDNA clone 02e4 5', mRNA sequence.
ACCESSION   BU095779
VERSION     BU095779.1  GI:25123503
KEYWORDS    EST.
SOURCE      Trypanosoma carassii
  ORGANISM  Trypanosoma carassii
            Eukaryota; Euglenozoa; Kinetoplastida; Trypanosomatidae;
            Trypanosoma.
REFERENCE   1  (bases 1 to 198)
  AUTHORS   Aguero,F., Campo,V., Cremona,L., Jager,A., Di Noia,J.M.,
            Overath,P., Sanchez,D.O. and Frasch,A.C.
  TITLE     Gene discovery in the freshwater fish parasite Trypanosoma
            carassii: identification of trans-sialidase-like and mucin-like
            genes
  JOURNAL   Infect. Immun. 70 (12), 7140-7144 (2002)
COMMENT     Contact: Sanchez DO
            Genomics and Bioinformatics
            Instituto de Investigaciones Biotecnologicas
            Av. Gral Paz S/N, INTI, Edificio 24, B 1650 KNA, San Martin, Buenos
            Aires, Argentina
            Tel: (54-11) 4580/7255/7
            Fax: (54-11) 4752-9639
            Email: dsanchez@iib.unsam.edu.ar
            Sequences were basecalled with phred and vector was masked with
            crossmatch (see http://www.phrap.org). Sequences were then trimmed
            from both ends to remove low quality bases and masked vector.
            Plate: 02  row: e  column: 4
            Seq primer: T7.
FEATURES             Location/Qualifiers
     source          1. .198
                     /organism="Trypanosoma carassii"
                     /mol_type="mRNA"
                     /db_xref="taxon:38249"
                     /clone="02e4"
                     /dev_stage="blood trypomastigote"
                     /lab_host="Goldfish (Carassius auratus)"
                     /clone_lib="tca"
                     /note="Vector: pSport1; Blood trypomastigotes were
                     obtained from goldfish and cultured as described (Overath
                     et al. Parasitol Res (1998) 84:343) before obtaining total
                     RNA using TRIzol. cDNA library construction was made from
                     polyA+ mRNA using a poly-dT oligonucleotide as primer. The
                     cDNAs were cloned in a oriented manner using a commercial
                     kit (SuperScript Plasmid System for cDNA Synthesis and
                     Plasmid Cloning, Life Technologies)."
ORIGIN

  Query Match             83.2%;  Score 15.8;  DB 5;  Length 198;
  Best Local Similarity   89.5%;  Pred. No. 7.8e+02;
  Matches   17;  Conservative    0;  Mismatches    2;  Indels    0;  Gaps    0;

Qy          1 CGGTATGCCCCGCGGATTG 19
              |||||||||||||||  ||
Db         31 CGGTATGCCCCGCGGTATG 49


RESULT 13
AV389481/c
LOCUS       AV389481                213 bp    mRNA    linear   EST 29-SEP-2000
DEFINITION  AV389481 Chlamydomonas reinhardtii C9 Chlamydomonas reinhardtii
            cDNA clone CM043b04_r, mRNA sequence.
ACCESSION   AV389481
VERSION     AV389481.1  GI:6543697
KEYWORDS    EST.
SOURCE      Chlamydomonas reinhardtii
  ORGANISM  Chlamydomonas reinhardtii
            Eukaryota; Viridiplantae; Chlorophyta; Chlorophyceae; Volvocales;
            Chlamydomonadaceae; Chlamydomonas.
REFERENCE   1  (bases 1 to 213)
  AUTHORS   Asamizu,E., Nakamura,Y., Sato,S., Fukuzawa,H. and Tabata,S.
  TITLE     A large scale structural analysis of cDNAs in a unicellular green
            alga, Chlamydomonas reinhardtii. I. Generation of 3433
            non-redundant expressed sequence tags
  JOURNAL   DNA Res. 6 (6), 369-373 (1999)
  MEDLINE   20152988
   PUBMED   10691129
COMMENT     Contact: Yasukazu Nakamura
            The First Laboratory for Plant Gene Research
            Kazusa DNA Research Institute
            Yana 1532-3, Kisarazu, Chiba 292-0812, Japan
            Email: ynakamu@kazusa.or.jp, URL:http://www.kazusa.or.jp/en/plant/.
FEATURES             Location/Qualifiers
     source          1. .213
                     /organism="Chlamydomonas reinhardtii"
                     /mol_type="mRNA"
                     /strain="C9"
                     /db_xref="taxon:3055"
                     /clone="CM043b04_r"
                     /dev_stage="photoautotrophic growth"
                     /clone_lib="Chlamydomonas reinhardtii C9"
                     /note="Vector: pBluescriptII SK-; Site_1: EcoRI; Site_2:
                     XhoI"
ORIGIN

  Query Match             83.2%;  Score 15.8;  DB 1;  Length 213;
  Best Local Similarity   89.5%;  Pred. No. 7.8e+02;
  Matches   17;  Conservative    0;  Mismatches    2;  Indels    0;  Gaps    0;
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Qy          1 CGGTATGCCCCGCGGATTG 19
              ||||||||||| |||| |||
Db        178 CGGTATGCCCTGCGGGTTG 160


RESULT 14
BI528844/c
LOCUS       BI528844                382 bp    mRNA    linear   EST 29-AUG-2001
DEFINITION  1024093H12.y1 C. reinhardtii CC-1690, normalized, Lambda Zap II
            Chlamydomonas reinhardtii cDNA, mRNA sequence.
ACCESSION   BI528844
VERSION     BI528844.1  GI:15369418
KEYWORDS    EST.
SOURCE      Chlamydomonas reinhardtii
  ORGANISM  Chlamydomonas reinhardtii
            Eukaryota; Viridiplantae; Chlorophyta; Chlorophyceae; Volvocales;
            Chlamydomonadaceae; Chlamydomonas.
REFERENCE   1  (bases 1 to 382)
  AUTHORS   Grossman,A., Chang,C.-W., Davies,J., Harris,E., Hauser,C.,
            Lefebvre,P., McDermott,J.P., Shrager,J., Silflow,C. and Stern,D.
  TITLE     Analyses of the Chlamydomonas reinhardtii Genome: A Model,
            Unicellular System for Analyzing Gene Function and Regulation in
            Vascular Plants. Project: 1024b
  JOURNAL   Unpublished (2001)
COMMENT     Contact: Charles Hauser
            DCMB Box 91000
            Duke University
            Durham, NC 27708-1000
            Tel: 919 613 8159
            Fax: 919 613 8177
            Email: chauser@duke.edu.
FEATURES             Location/Qualifiers
     source          1. .382
                     /organism="Chlamydomonas reinhardtii"
                     /mol_type="mRNA"
                     /strain="CC-1690 wild type mt+ 21gr"
                     /db_xref="taxon:3055"
                     /clone_lib="C. reinhardtii CC-1690, normalized, Lambda Zap
                     II"
                     /note="Vector: pBluescript II SK-; Site_1: EcoRI; Site_2:
                     XhoI; This library, constructed by John Davies and Jeffrey
                     McDermott, combines cDNAs from CC-1690 cells grown to
                     mid-log phase in TAP (acetate-containing) medium in the
                     light, TAP medium in the dark, HS (minimal) medium in
                     ambient levels of CO2 and HS medium bubbled with 5% CO2.
                     PolyA mRNA was purified from each sample, pooled and cDNA
                     synthesized. The cDNA was directionally cloned into lambda
                     ZAP II (Stratagene) in the EcoRI (5') and XhoI (3') sites.
                     pBluescript II SK- plasmids were excised from the lambda
                     ZAP clones by superinfection with ExAssist (Stratagene)
                     phage. The library was normalized using method 4 described
                     in Bonaldo et al (1996) Genome Research 6: 791-806."
ORIGIN

  Query Match             83.2%;  Score 15.8;  DB 4;  Length 382;
  Best Local Similarity   89.5%;  Pred. No. 7.9e+02;
  Matches   17;  Conservative    0;  Mismatches    2;  Indels    0;  Gaps    0;

Qy          1 CGGTATGCCCCGCGGATTG 19
              ||||||||||| |||| |||
Db         44 CGGTATGCCCTGCGGGTTG 26


RESULT 15
BX610788/c
LOCUS       BX610788                396 bp    mRNA    linear   EST 07-AUG-2003
DEFINITION  BX610788 Normalized Anopheles Head (NAH) Library Anopheles gambiae
            cDNA clone AGACC14TRB, mRNA sequence.
ACCESSION   BX610788
VERSION     BX610788.1  GI:33500675
KEYWORDS    EST.
SOURCE      Anopheles gambiae (African malaria mosquito)
  ORGANISM  Anopheles gambiae
            Eukaryota; Metazoa; Arthropoda; Hexapoda; Insecta; Pterygota;
            Neoptera; Endopterygota; Diptera; Nematocera; Culicoidea;
            Anopheles.
REFERENCE   1  (bases 1 to 396)
  AUTHORS   Lobo,N.L., Gardner,M., Romans,P. and Collins,F.H.
  TITLE     Anopheles gambiae EST, Center for Tropical Disease Research and
            Training
  JOURNAL   Unpublished (2003)
COMMENT     Contact: Frank H. Collins
            Center for Tropical Disease Research and Training
            University of Notre Dame
            Notre Dame, IN 46556, USA
            Tel: 574-631-9245
            Fax: 574-631-3996
            Email: frank.h.collins.75@nd.edu.
FEATURES             Location/Qualifiers
     source          1. .396
                     /organism="Anopheles gambiae"
                     /mol_type="mRNA"
                     /db_xref="taxon:7165"
                     /clone="AGACC14TRB"
                     /lab_host="E. coli DH10B"
                     /clone_lib="Normalized Anopheles Head (NAH) Library"
                     /note="Vector: pT7T3D-Pac (Pharmacia) with a modified
                     polylinker; Site_1: EcoR1 (5'end); Site_2: Not1 (3'end); a
                     directionally cloned and normalized, oligo-T primed cDNA
                     library constructed from strain 4arr adult mosquito heads.
                     Equal numbers of sugar fed males, sugar fed females and 6,
                     24 and 48 hr post blood meal females were used: Bonaldo,
                     Lennon & Soares (1996): Normalization and Subtraction: Two
                     Approaches To Facilitate Gene Discovery, Genome Research
                     6, 791-806. ESTs sequenced from the M13 reverse priming
                     site reading from the 5' ends of the cDNAs are indicated
                     by 'R' in the clone name. ESTs sequenced from the M13
                     forward priming site reading from the 3' ends of the cDNAs
                     are indicated by 'F' in the clone name."
ORIGIN

  Query Match             83.2%;  Score 15.8;  DB 5;  Length 396;
  Best Local Similarity   89.5%;  Pred. No. 7.9e+02;
  Matches   17;  Conservative    0;  Mismatches    2;  Indels    0;  Gaps    0;

Qy          1 CGGTATGCCCCGCGGATTG 19
              ||||||||||| |||||| |
Db        266 CGGTATGCCCGGCGGATCG 248


RESULT 16
AU184412/c
LOCUS       AU184412                405 bp    mRNA    linear   EST 03-APR-2002
DEFINITION  AU184412 Rice root Oryza sativa (japonica cultivar-group) cDNA
            clone R2211, mRNA sequence.
ACCESSION   AU184412
VERSION     AU184412.1  GI:14192201
KEYWORDS    EST.
SOURCE      Oryza sativa (japonica cultivar-group)
  ORGANISM  Oryza sativa (japonica cultivar-group)
            Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
            Spermatophyta; Magnoliophyta; Liliopsida; Poales; Poaceae;
            Ehrhartoideae; Oryzeae; Oryza.
REFERENCE   1  (bases 1 to 405)
  AUTHORS   Sasaki,T. and Yamamoto,K.
  TITLE     Rice cDNA from root (2001)
  JOURNAL   Unpublished (2001)
COMMENT     Contact: Takuji Sasaki
            National Institute of Agrobiological Resources
            Rice Genome Research Program, Kannondai 2-1-2, Tsukuba, Ibaraki
            305-8602, Japan
            Tel: 81-298-38-7441
            Fax: 81-298-38-7468
            Email: tsasaki@abr.affrc.go.jp, URL:http://rgp.dna.affrc.go.jp/
            PROJECT = 'RGP'.
FEATURES             Location/Qualifiers
```

```
     source          1. .405
                     /organism="Oryza sativa (japonica cultivar-group)"
                     /mol_type="mRNA"
                     /cultivar="Nipponbare"
                     /db_xref="taxon:39947"
                     /clone="R2211"
                     /clone_lib="Rice root"
                     /note="Prepared from seedling root. "
ORIGIN

  Query Match             83.2%;  Score 15.8;  DB 1;  Length 405;
  Best Local Similarity   89.5%;  Pred. No. 7.9e+02;
  Matches   17;  Conservative    0;  Mismatches    2;  Indels    0;  Gaps    0;

Qy          1 CGGTATGCCCCGCGGATTG 19
              |||| |||||||||||| |
Db        202 CGGTGTGCCCCGCGGATGG 184


RESULT 17
CO155047/c
LOCUS       CO155047                432 bp    mRNA    linear   EST 05-OCT-2004
DEFINITION  EN05255.5prime Exelixis FlyTag MN08 BlueScript Drosophila
            melanogaster cDNA clone EN05255 5, mRNA sequence.
ACCESSION   CO155047
VERSION     CO155047.1  GI:48909048
KEYWORDS    EST.
SOURCE      Drosophila melanogaster (fruit fly)
  ORGANISM  Drosophila melanogaster
            Eukaryota; Metazoa; Arthropoda; Hexapoda; Insecta; Pterygota;
            Neoptera; Endopterygota; Diptera; Brachycera; Muscomorpha;
            Ephydroidea; Drosophilidae; Drosophila.
REFERENCE   1  (bases 1 to 432)
  AUTHORS   Nakanishi,M., Muzong,C., Peterson,E., Laufer,A., Leung,W., Platt,D.
            and Swimmer,C.
  TITLE     Exelixis FlyTag EST Project MN08 Library
  JOURNAL   Unpublished (2004)
COMMENT     Contact: Stapleton, M.
            BDGP
            Lawrence Berkeley National Lab
            One Cyclotron Rd, Berkeley, CA 94720, USA
            Fax: 510 486 6798
            Email: http://www.fruitfly.org/EST, est@fruitfly.berkeley.edu
            Plate: EN.52  row: E  column: 7
            High quality sequence stop: 344.
FEATURES             Location/Qualifiers
     source          1. .432
                     /organism="Drosophila melanogaster"
                     /mol_type="mRNA"
                     /db_xref="taxon:7227"
                     /clone="EN05255"
                     /cell_line="mbn2"
                     /clone_lib="Exelixis FlyTag MN08 BlueScript"
                     /note="Vector: pBluescript; Site_1: NotI; Site_2: XhoI;
                     oligodT primed from LPS induced mbn2 cell line."
ORIGIN

  Query Match             83.2%;  Score 15.8;  DB 7;  Length 432;
  Best Local Similarity   89.5%;  Pred. No. 7.9e+02;
  Matches   17;  Conservative    0;  Mismatches    2;  Indels    0;  Gaps    0;

Qy          1 CGGTATGCCCCGCGGATTG 19
              |||||||||| || |||||
Db        347 CGGTATGCCCAGCAGATTG 329


RESULT 18
BX618499/c
LOCUS       BX618499                451 bp    mRNA    linear   EST 08-AUG-2003
DEFINITION  BX618499 Normalized Anopheles Head (NAH) Library Anopheles gambiae
            cDNA clone AGAE651TR, mRNA sequence.
ACCESSION   BX618499
VERSION     BX618499.1  GI:33537107
KEYWORDS    EST.
SOURCE      Anopheles gambiae (African malaria mosquito)
  ORGANISM  Anopheles gambiae
            Eukaryota; Metazoa; Arthropoda; Hexapoda; Insecta; Pterygota;
            Neoptera; Endopterygota; Diptera; Nematocera; Culicoidea;
            Anopheles.
REFERENCE   1  (bases 1 to 451)
  AUTHORS   Lobo,N.L., Gardner,M., Romans,P. and Collins,F.H.
  TITLE     Anopheles gambiae EST, Center for Tropical Disease Research and
            Training
  JOURNAL   Unpublished (2003)
COMMENT     Contact: Frank H. Collins
            Center for Tropical Disease Research and Training
            University of Notre Dame
            Notre Dame, IN 46556, USA
            Tel: 574-631-9245
            Fax: 574-631-3996
            Email: frank.h.collins.75@nd.edu.
FEATURES             Location/Qualifiers
     source          1. .451
                     /organism="Anopheles gambiae"
                     /mol_type="mRNA"
                     /db_xref="taxon:7165"
                     /clone="AGAE651TR"
                     /lab_host="E. coli DH10B"
                     /clone_lib="Normalized Anopheles Head (NAH) Library"
                     /note="Vector: pT7T3D-Pac (Pharmacia) with a modified
                     polylinker; Site_1: EcoR1 (5'end); Site_2: Not1 (3'end); a
                     directionally cloned and normalized, oligo-T primed cDNA
                     library constructed from strain 4arr adult mosquito heads.
                     Equal numbers of sugar fed males, sugar fed females and 6,
                     24 and 48 hr post blood meal females were used: Bonaldo,
                     Lennon & Soares (1996): Normalization and Subtraction: Two
                     Approaches To Facilitate Gene Discovery, Genome Research
                     6, 791-806. ESTs sequenced from the M13 reverse priming
                     site reading from the 5' ends of the cDNAs are indicated
                     by 'R' in the clone name. ESTs sequenced from the M13
                     forward priming site reading from the 3' ends of the cDNAs
                     are indicated by 'F' in the clone name."
ORIGIN

  Query Match             83.2%;  Score 15.8;  DB 5;  Length 451;
  Best Local Similarity   89.5%;  Pred. No. 7.9e+02;
  Matches   17;  Conservative    0;  Mismatches    2;  Indels    0;  Gaps    0;

Qy          1 CGGTATGCCCCGCGGATTG 19
              |||||||||| |||||| |
Db        293 CGGTATGCCCGGCGGATCG 275


RESULT 19
CV031713/c
LOCUS       CV031713                455 bp    mRNA    linear   EST 23-AUG-2004
DEFINITION  RTNACL1_3_F05.b1_A029 Roots plus added NaCl Pinus taeda cDNA clone
            RTNACL1_3_F05_A029 3', mRNA sequence.
ACCESSION   CV031713
VERSION     CV031713.1  GI:51494525
KEYWORDS    EST.
SOURCE      Pinus taeda (loblolly pine)
  ORGANISM  Pinus taeda
            Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
            Spermatophyta; Coniferopsida; Coniferales; Pinaceae; Pinus; Pinus.
REFERENCE   1  (bases 1 to 455)
  AUTHORS   Pratt,L., Cordonnier-Pratt,M.-M., Lorenz,W.W., Zimmermann,C. and
            Dean,J.F.D.
  TITLE     An EST database from NaCl-treated loblolly pine (Pinus taeda) roots
  JOURNAL   Unpublished (2004)
COMMENT     Other_ESTs: RTNACL1_3_F05.g1_A029
            Contact: Cordonnier-Pratt MM
            Laboratory for Genomics and Bioinformatics
            The University of Georgia, Department of Plant Biology
            Plant Sciences Building, Rm. 2502, Athens, GA 30602-7271, USA
            Tel: 706 542 1860
```

```
            Fax: 706 583 0210
            Email: mmpratt@uga.edu
            RNA prepared and library constructed by W. Walter Lorenz (School of
            Forest Resources, University of Georgia); plant material prepared
            by Craig Zimmermann (School of Forest Resources, University of
            Georgia) using rooted cuttings provided by the Forest Biology
            Research Cooperative (FBRC) and the CCLONES project a the
            University of Florida; sequencing done in the Laboratory for
            Genomics and Bioinformatics, University of Georgia. Sequence ends
            have been trimmed to exclude vector and regions below Phred quality
            16. Three-prime sequences are presented as their reverse complement
            and have been trimmed to exclude polyA.
            Seq primer: M13-21 (TGTAAAACGACGGCCAGT)
            POLYA=Yes.
FEATURES              Location/Qualifiers
     source           1. .455
                      /organism="Pinus taeda"
                      /mol_type="mRNA"
                      /strain="3 CCLONES"
                      /db_xref="taxon:3352"
                      /clone="RTNACL1_3_F05_A029"
                      /lab_host="DH10B-T1 phage-resistant E. coli"
                      /clone_lib="Roots plus added NaCl"
                      /note="Organ: Root; Vector: pSL1180; Site_1: EcoRI;
                      Site_2: XhoI; The library was prepared from polyA+ RNA
                      from the roots of 1-year-old loblolly pine (Pinus taeda)
                      cuttings that were rooted and then planted in washed sand.
                      The rooted cuttings were maintained for 135 days (July
                      2003 harvest) under ambient conditions in a local
                      greenhouse. They were kept on a weekly regimen of 0.5x
                      nutrient-complete Hoagland's solution and supplemented
                      with additional water sufficient to maintain a 15% soil
                      moisture content. Twenty-four hours (24h) prior to
                      harvesting roots for mRNA preparation, the potted trees
                      were watered with 250 mM NaCl(aq) until the sand was
                      saturated. Double-stranded cDNA was cloned
                      unidirectionally into pSL1180. Inserts can be excised with
                      EcoRI (5' end) and XhoI (3' end)."
ORIGIN

  Query Match             83.2%;  Score 15.8;  DB 7;  Length 455;
  Best Local Similarity   89.5%;  Pred. No. 7.9e+02;
  Matches   17;  Conservative    0;  Mismatches    2;  Indels    0;  Gaps    0;

Qy          1 CGGTATGCCCCGCGGATTG 19
              |||| ||||| ||||||||
Db         38 CGGTTTGCCCGGCGGATTG 20


RESULT 20
BX614317/c
LOCUS       BX614317                496 bp    mRNA    linear   EST 08-AUG-2003
DEFINITION  BX614317 Normalized Anopheles Head (NAH) Library Anopheles gambiae
            cDNA clone AGACJ68TR, mRNA sequence.
ACCESSION   BX614317
VERSION     BX614317.1  GI:33528790
KEYWORDS    EST.
SOURCE      Anopheles gambiae (African malaria mosquito)
  ORGANISM  Anopheles gambiae
            Eukaryota; Metazoa; Arthropoda; Hexapoda; Insecta; Pterygota;
            Neoptera; Endopterygota; Diptera; Nematocera; Culicoidea;
            Anopheles.
REFERENCE   1  (bases 1 to 496)
  AUTHORS   Lobo,N.L., Gardner,M., Romans,P. and Collins,F.H.
  TITLE     Anopheles gambiae EST, Center for Tropical Disease Research and
            Training
  JOURNAL   Unpublished (2003)
COMMENT     Contact: Frank H. Collins
            Center for Tropical Disease Research and Training
            University of Notre Dame
            Notre Dame, IN 46556, USA
            Tel: 574-631-9245
            Fax: 574-631-3996
            Email: frank.h.collins.75@nd.edu.
FEATURES              Location/Qualifiers
     source           1. .496
                      /organism="Anopheles gambiae"
                      /mol_type="mRNA"
                      /db_xref="taxon:7165"
                      /clone="AGACJ68TR"
                      /lab_host="E. coli DH10B"
                      /clone_lib="Normalized Anopheles Head (NAH) Library"
                      /note="Vector: pT7T3D-Pac (Pharmacia) with a modified
                      polylinker; Site_1: EcoR1 (5'end); Site_2: Not1 (3'end); a
                      directionally cloned and normalized, oligo-T primed cDNA
                      library constructed from strain 4arr adult mosquito heads.
                      Equal numbers of sugar fed males, sugar fed females and 6,
                      24 and 48 hr post blood meal females were used: Bonaldo,
                      Lennon & Soares (1996): Normalization and Subtraction: Two
                      Approaches To Facilitate Gene Discovery, Genome Research
                      6, 791-806. ESTs sequenced from the M13 reverse priming
                      site reading from the 5' ends of the cDNAs are indicated
                      by 'R' in the clone name. ESTs sequenced from the M13
                      forward priming site reading from the 3' ends of the cDNAs
                      are indicated by 'F' in the clone name."
ORIGIN

  Query Match             83.2%;  Score 15.8;  DB 5;  Length 496;
  Best Local Similarity   89.5%;  Pred. No. 7.9e+02;
  Matches   17;  Conservative    0;  Mismatches    2;  Indels    0;  Gaps    0;

Qy          1 CGGTATGCCCCGCGGATTG 19
              |||||||||| |||||| |
Db        315 CGGTATGCCCGGCGGATCG 297


RESULT 21
AA683425
LOCUS       AA683425                505 bp    mRNA    linear   EST 08-DEC-1997
DEFINITION  SWOvL3CAN04D10SK Onchocerca volvulus infective larva cDNA
            (SAW94WL-OvL3) Onchocerca volvulus cDNA clone SWOvL3CAN04D10 5',
            mRNA sequence.
ACCESSION   AA683425
VERSION     AA683425.1  GI:2670023
KEYWORDS    EST.
SOURCE      Onchocerca volvulus
  ORGANISM  Onchocerca volvulus
            Eukaryota; Metazoa; Nematoda; Chromadorea; Spirurida; Filarioidea;
            Onchocercidae; Onchocerca.
REFERENCE   1  (bases 1 to 505)
  AUTHORS   Williams,S.A., Lu,W., Lizotte-Waniewski,M. and Laney,S.J.
  TITLE     Genes expressed in infective third stage larvae of Onchocerca
            volvulus
  JOURNAL   Unpublished (1995)
COMMENT     Contact: Steven A. Williams
            Molecular Parasitology
            Smith College Department of Biological Sciences
            Department of Biological Sciences, Clark Science Center, Smith
            College, Northampton, MA, 01063, USA
            Tel: 4135853826
            Fax: 4135853786
            Email: genome@smith.edu
            Seq primer: pBluescript SK.
FEATURES              Location/Qualifiers
     source           1. .505
                      /organism="Onchocerca volvulus"
                      /mol_type="mRNA"
                      /strain="Sierra Leone"
                      /db_xref="taxon:6282"
                      /clone="SWOvL3CAN04D10"
                      /lab_host="XL1-Blue MRF'"
                      /clone_lib="Onchocerca volvulus infective larva cDNA
                      (SAW94WL-OvL3)"
                      /note="Vector: lambda UniZap XR; Site_1: EcoR I; Site_2:
                      Xho I; Cutaneous filarial nematode parasite of humans.
                      mRNA was prepared from third stage infective larvae of
```

Onchocerca volvulus isolated from mosquitoes 10 days after infection and converted to double stranded cDNA using reverse transcriptase and oligo(dT) followed by RNase H and DNApol I. The library had 1.8 x 10E5 independent recombinants and average insert size was 900 base pairs. The library was constructed by Wenhong Lu. The library is available from Dr. S.A. Williams, email genome@smith.edu."

ORIGIN

Query Match 83.2%; Score 15.8; DB 1; Length 505;
Best Local Similarity 89.5%; Pred. No. 7.9e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

```
Qy          1 CGGTATGCCCCGCGGATTG 19
              ||||||||| || ||||||
Db        419 CGGTATGCCACGTGGATTG 437
```

RESULT 22
CB404286
LOCUS CB404286 534 bp mRNA linear EST 15-MAY-2003
DEFINITION OSTR020G2_1 AD-wrmcDNA Caenorhabditis elegans cDNA, mRNA sequence.
ACCESSION CB404286
VERSION CB404286.1 GI:30746013
KEYWORDS EST.
SOURCE Caenorhabditis elegans
ORGANISM Caenorhabditis elegans
Eukaryota; Metazoa; Nematoda; Chromadorea; Rhabditida; Rhabditoidea; Rhabditidae; Peloderinae; Caenorhabditis.
REFERENCE 1 (bases 1 to 534)
AUTHORS Reboul,J., Vaglio,P., Rual,J.F., Lamesch,P., Martinez,M., Armstrong,C.M., Li,S., Jacotot,L., Bertin,N., Janky,R., Moore,T., Hudson,J.R., Hartley,J.L., Brasch,M.A., Vandenhaute,J., Boulton,S., Endress,G.A., Jenna,S., Chevet,E., Papasotiropoulos,V., Tolias,P.P., Ptacek,J., Snyder,M., Huang,R., Chance,M.R., Lee,H., Doucette-Stamm,L., Hill,D.E. and Vidal,M.
TITLE C. elegans ORFeome version 1.1: experimental verification of the genome annotation and resource for proteome-scale protein expression
JOURNAL Nat. Genet. (2003) In press
COMMENT Contact: Vidal M
Marc Vidal Laboratory
Dana Farber Cancer Institute
1 Jimmy Fund Way Smith 858, BOSTON, MA 02115, USA
Tel: 617 632 5180
Fax: 617 632 5739
Email: Marc_Vidal@dfci.harvard.edu
Sequence tag of Gateway entry clones. The primers used were designed on the predicted protein encoding ORF. C. elegans ORFeome cloning project : Contact david_hill@dfci.harvard.edu or marc_vidal@dfci.harvard.edu
POLYA=No.

FEATURES Location/Qualifiers
source 1. .534
/organism="Caenorhabditis elegans"
/mol_type="mRNA"
/strain="N2"
/db_xref="taxon:6239"
/sex="Hermaphrodite and male"
/tissue_type="whole animal"
/dev_stage="mixed stage"
/clone_lib="AD-wrmcDNA"
/note="The AD-wrmcDNA library was generated with poly(A)+ RNA isolated from both hermaphrodite and male N2 worms of all larval stages, embryos, adults and dauers and the subsequent generation of cDNAs by poly(A) priming. The cDNAs were cloned into pPC86"

ORIGIN

Query Match 83.2%; Score 15.8; DB 6; Length 534;
Best Local Similarity 89.5%; Pred. No. 7.9e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

```
Qy          1 CGGTATGCCCCGCGGATTG 19
              |||| |||| |||||||||
Db        504 CGGTTTGCCACGCGGATTG 522
```

RESULT 23
AI532051/c
LOCUS AI532051 536 bp mRNA linear EST 23-APR-2001
DEFINITION SD03413.5prime SD Drosophila melanogaster Schneider L2 cell culture pOT2 Drosophila melanogaster cDNA clone SD03413 5 similar to CG1886: FBan0001886 'transporter' located on: X 10F2-10F2;: 04/13/2001, mRNA sequence.
ACCESSION AI532051
VERSION AI532051.2 GI:13771025
KEYWORDS EST.
SOURCE Drosophila melanogaster (fruit fly)
ORGANISM Drosophila melanogaster
Eukaryota; Metazoa; Arthropoda; Hexapoda; Insecta; Pterygota; Neoptera; Endopterygota; Diptera; Brachycera; Muscomorpha; Ephydroidea; Drosophilidae; Drosophila.
REFERENCE 1 (bases 1 to 536)
AUTHORS Harvey,D., Brokstein,P., Hong,L., Evans-Holm,M., Su,C., Tsang,G., Lewis,S. and Rubin,G.M.
TITLE BDGP/HHMI Drosophila EST Project
JOURNAL Unpublished (2001)
COMMENT On Mar 17, 1999 this sequence version replaced gi:4446186.
Other_ESTs: SD03413.3prime
Contact: Stapleton, M.
BDGP
Lawrence Berkeley National Lab
One Cyclotron Rd, Berkeley, CA 94720, USA
Fax: 510 486 6798
Email: http://www.fruitfly.org/EST, est@fruitfly.berkeley.edu
hit genomic AE003487: arm:X [11484037,11785087]
estimated-cyto:10D4-11A4: 04/13/2001
Plate: SD.34 row: B column: 1
High quality sequence stop: 490
POLYA=No.

FEATURES Location/Qualifiers
source 1. .536
/organism="Drosophila melanogaster"
/mol_type="mRNA"
/db_xref="taxon:7227"
/clone="SD03413"
/lab_host="DH5-alpha"
/clone_lib="SD Drosophila melanogaster Schneider L2 cell culture pOT2"
/note="Vector: pOT2; Site_1: EcoRI; Site_2: Xho1; Sized fractionated cDNAs were directly ligated into pOT2. Plasmid cDNA library."

ORIGIN

Query Match 83.2%; Score 15.8; DB 1; Length 536;
Best Local Similarity 89.5%; Pred. No. 7.9e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

```
Qy          1 CGGTATGCCCCGCGGATTG 19
              |||||||||| || |||||
Db        296 CGGTATGCCCAGCAGATTG 278
```

RESULT 24
BX618632/c
LOCUS BX618632 540 bp mRNA linear EST 08-AUG-2003
DEFINITION BX618632 Normalized Anopheles Head (NAH) Library Anopheles gambiae cDNA clone AGAE827TR, mRNA sequence.
ACCESSION BX618632
VERSION BX618632.1 GI:33537365
KEYWORDS EST.
SOURCE Anopheles gambiae (African malaria mosquito)
ORGANISM Anopheles gambiae
Eukaryota; Metazoa; Arthropoda; Hexapoda; Insecta; Pterygota; Neoptera; Endopterygota; Diptera; Nematocera; Culicoidea;

```
            Anopheles.
REFERENCE   1  (bases 1 to 540)
  AUTHORS   Lobo,N.L., Gardner,M., Romans,P. and Collins,F.H.
  TITLE     Anopheles gambiae EST, Center for Tropical Disease Research and
            Training
  JOURNAL   Unpublished (2003)
COMMENT     Contact: Frank H. Collins
            Center for Tropical Disease Research and Training
            University of Notre Dame
            Notre Dame, IN 46556, USA
            Tel: 574-631-9245
            Fax: 574-631-3996
            Email: frank.h.collins.75@nd.edu.
FEATURES             Location/Qualifiers
     source          1. .540
                     /organism="Anopheles gambiae"
                     /mol_type="mRNA"
                     /db_xref="taxon:7165"
                     /clone="AGAE827TR"
                     /lab_host="E. coli DH10B"
                     /clone_lib="Normalized Anopheles Head (NAH) Library"
                     /note="Vector: pT7T3D-Pac (Pharmacia) with a modified
                     polylinker; Site_1: EcoR1 (5'end); Site_2: Not1 (3'end); a
                     directionally cloned and normalized, oligo-T primed cDNA
                     library constructed from strain 4arr adult mosquito heads.
                     Equal numbers of sugar fed males, sugar fed females and 6,
                     24 and 48 hr post blood meal females were used: Bonaldo,
                     Lennon & Soares (1996): Normalization and Subtraction: Two
                     Approaches To Facilitate Gene Discovery, Genome Research
                     6, 791-806. ESTs sequenced from the M13 reverse priming
                     site reading from the 5' ends of the cDNAs are indicated
                     by 'R' in the clone name. ESTs sequenced from the M13
                     forward priming site reading from the 3' ends of the cDNAs
                     are indicated by 'F' in the clone name."
ORIGIN

  Query Match             83.2%;  Score 15.8;  DB 5;  Length 540;
  Best Local Similarity   89.5%;  Pred. No. 7.9e+02;
  Matches   17;  Conservative    0;  Mismatches    2;  Indels    0;  Gaps    0;

Qy          1 CGGTATGCCCCGCGGATTG 19
              |||||||||| ||||||  |
Db        318 CGGTATGCCCGGCGGATCG 300


RESULT 25
BX626203/c
LOCUS       BX626203                543 bp    mRNA    linear   EST 08-AUG-2003
DEFINITION  BX626203 NAP1 Anopheles gambiae cDNA clone ANGNP1183B01T7, mRNA
            sequence.
ACCESSION   BX626203
VERSION     BX626203.1  GI:33552428
KEYWORDS    EST.
SOURCE      Anopheles gambiae (African malaria mosquito)
  ORGANISM  Anopheles gambiae
            Eukaryota; Metazoa; Arthropoda; Hexapoda; Insecta; Pterygota;
            Neoptera; Endopterygota; Diptera; Nematocera; Culicoidea;
            Anopheles.
REFERENCE   1  (bases 1 to 543)
  AUTHORS   Lobo,N.L., Gardner,M., Romans,P. and Collins,F.H.
  TITLE     Anopheles gambiae EST, Center for Tropical Disease Research and
            Training
  JOURNAL   Unpublished (2003)
COMMENT     Contact: Frank H. Collins
            Center for Tropical Disease Research and Training
            University of Notre Dame
            Notre Dame, IN 46556, USA
            Tel: 574-631-9245
            Fax: 574-631-3996
            Email: frank.h.collins.75@nd.edu.
FEATURES             Location/Qualifiers
     source          1. .543
                     /organism="Anopheles gambiae"
                     /mol_type="mRNA"
                     /db_xref="taxon:7165"
                     /clone="ANGNP1183B01T7"
                     /lab_host="E. coli DH10B"
                     /clone_lib="NAP1"
                     /note="Vector: pT7T3D-Pac (Pharmacia); Site_1: NotI;
                     Site_2: EcoRI; ESTs sequenced from the T7 priming site
                     that reads from the 5' end of cDNA. The NAP1 is a
                     directionally cloned and normalized, oligo-T primed cDNA
                     library constructed from a mixture of Anopheles gambiae
                     developmental stages according to: Bonaldo, Lennon &
                     Soares (1996): Normalization and Subtraction: Two
                     Approaches To Facilitate Gene Discovery, Genome Research
                     6, 791-806."
ORIGIN

  Query Match             83.2%;  Score 15.8;  DB 5;  Length 543;
  Best Local Similarity   89.5%;  Pred. No. 7.9e+02;
  Matches   17;  Conservative    0;  Mismatches    2;  Indels    0;  Gaps    0;

Qy          1 CGGTATGCCCCGCGGATTG 19
              |||||||||| ||||||  |
Db        283 CGGTATGCCCGGCGGATCG 265


RESULT 26
BX616580/c
LOCUS       BX616580                561 bp    mRNA    linear   EST 08-AUG-2003
DEFINITION  BX616580 Normalized Anopheles Head (NAH) Library Anopheles gambiae
            cDNA clone AGADJ68TR, mRNA sequence.
ACCESSION   BX616580
VERSION     BX616580.1  GI:33533307
KEYWORDS    EST.
SOURCE      Anopheles gambiae (African malaria mosquito)
  ORGANISM  Anopheles gambiae
            Eukaryota; Metazoa; Arthropoda; Hexapoda; Insecta; Pterygota;
            Neoptera; Endopterygota; Diptera; Nematocera; Culicoidea;
            Anopheles.
REFERENCE   1  (bases 1 to 561)
  AUTHORS   Lobo,N.L., Gardner,M., Romans,P. and Collins,F.H.
  TITLE     Anopheles gambiae EST, Center for Tropical Disease Research and
            Training
  JOURNAL   Unpublished (2003)
COMMENT     Contact: Frank H. Collins
            Center for Tropical Disease Research and Training
            University of Notre Dame
            Notre Dame, IN 46556, USA
            Tel: 574-631-9245
            Fax: 574-631-3996
            Email: frank.h.collins.75@nd.edu.
FEATURES             Location/Qualifiers
     source          1. .561
                     /organism="Anopheles gambiae"
                     /mol_type="mRNA"
                     /db_xref="taxon:7165"
                     /clone="AGADJ68TR"
                     /lab_host="E. coli DH10B"
                     /clone_lib="Normalized Anopheles Head (NAH) Library"
                     /note="Vector: pT7T3D-Pac (Pharmacia) with a modified
                     polylinker; Site_1: EcoR1 (5'end); Site_2: Not1 (3'end); a
                     directionally cloned and normalized, oligo-T primed cDNA
                     library constructed from strain 4arr adult mosquito heads.
                     Equal numbers of sugar fed males, sugar fed females and 6,
                     24 and 48 hr post blood meal females were used: Bonaldo,
                     Lennon & Soares (1996): Normalization and Subtraction: Two
                     Approaches To Facilitate Gene Discovery, Genome Research
                     6, 791-806. ESTs sequenced from the M13 reverse priming
                     site reading from the 5' ends of the cDNAs are indicated
                     by 'R' in the clone name. ESTs sequenced from the M13
                     forward priming site reading from the 3' ends of the cDNAs
                     are indicated by 'F' in the clone name."
ORIGIN
```

```
  Query Match             83.2%;  Score 15.8;  DB 5;  Length 561;
  Best Local Similarity   89.5%;  Pred. No. 7.9e+02;
  Matches   17;  Conservative    0;  Mismatches    2;  Indels    0;  Gaps    0;

Qy          1 CGGTATGCCCCGCGGATTG 19
              |||||||||| |||||| |
Db        281 CGGTATGCCCGGCGGATCG 263


RESULT 27
AW318927
LOCUS       AW318927                 568 bp    mRNA    linear   EST 25-JAN-2000
DEFINITION  un09e11.y1 Sugano mouse kidney mkia Mus musculus cDNA clone
            IMAGE:2373356 5' similar to SW:IAG2_RAT O35777
            IMPLANTATION-ASSOCIATED PROTEIN. [1] ;, mRNA sequence.
ACCESSION   AW318927
VERSION     AW318927.1  GI:6748471
KEYWORDS    EST.
SOURCE      Mus musculus (house mouse)
  ORGANISM  Mus musculus
            Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
            Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
REFERENCE   1  (bases 1 to 568)
  AUTHORS   Marra,M., Hillier,L., Kucaba,T., Martin,J., Beck,C., Wylie,T.,
            Underwood,K., Steptoe,M., Theising,B., Allen,M., Bowers,Y.,
            Person,B., Swaller,T., Gibbons,M., Pape,D., Harvey,N., Schurk,R.,
            Ritter,E., Kohn,S., Shin,T., Jackson,Y., Cardenas,M., McCann,R.,
            Waterston,R. and Wilson,R.
  TITLE     The WashU-NCI Mouse EST Project 1999
  JOURNAL   Unpublished (1999)
COMMENT     Contact: Marra M/WashU-NCI Mouse EST Project 1999
            Washington University School of Medicine
            4444 Forest Park Parkway, Box 8501, St. Louis, MO 63108, USA
            Tel: 314 286 1800
            Fax: 314 286 1810
            Email: mouseest@watson.wustl.edu
            This clone is available royalty-free through LLNL ; contact the
            IMAGE Consortium (info@image.llnl.gov) for further information.
            MGI:1013008
            Trace considered overall poor quality
            Seq primer: custom primer used
            High quality sequence stop: 1.
FEATURES             Location/Qualifiers
     source          1. .568
                     /organism="Mus musculus"
                     /mol_type="mRNA"
                     /strain="C57BL"
                     /db_xref="taxon:10090"
                     /clone="IMAGE:2373356"
                     /sex="female"
                     /dev_stage="adult"
                     /lab_host="DH10B"
                     /clone_lib="Sugano mouse kidney mkia"
                     /note="Organ: kidney; Vector: pME18S-FL3; Site_1: DraIII
                     (CACTGTGTG); Site_2: DraIII (CACCATGTG); 1st strand cDNA
                     was primed with an oligo(dT) primer
                     [ATGTGGCCTTTTTTTTTTTTTTTT]; double-stranded cDNA was
                     ligated to a  DraIII adaptor [TGTTGGCCTACTGG], digested
                     and cloned into distinct DraIII sites of the pME18S-FL3
                     vector (5' site CACTGTGTG, 3' site CACCATGTG). XhoI should
                     be used to isolate the cDNA insert.  Size selection was
                     performed to exclude fragments <1.5kb.  Library
                     constructed by Dr. Sumio Sugano (University of Tokyo
                     Institute of Medical Science).  Custom primers  for
                     sequencing: 5' end primer CTTCTGCTCTAAAAGCTGCG and 3' end
                     primer CGACCTGCAGCTCGAGCACA."
ORIGIN

  Query Match             83.2%;  Score 15.8;  DB 2;  Length 568;
  Best Local Similarity   89.5%;  Pred. No. 7.9e+02;
  Matches   17;  Conservative    0;  Mismatches    2;  Indels    0;  Gaps    0;

Qy          1 CGGTATGCCCCGCGGATTG 19
              |||||||||| |||||| |
Db        491 CGGTATGCCCCGTGGATTG 509


RESULT 28
BM605368/c
LOCUS       BM605368                 584 bp    mRNA    linear   EST 25-FEB-2002
DEFINITION  17000687076218 A.Gam.ad.cDNA.blood1 Anopheles gambiae cDNA clone
            19600449717689 5', mRNA sequence.
ACCESSION   BM605368
VERSION     BM605368.1  GI:18903472
KEYWORDS    EST.
SOURCE      Anopheles gambiae (African malaria mosquito)
  ORGANISM  Anopheles gambiae
            Eukaryota; Metazoa; Arthropoda; Hexapoda; Insecta; Pterygota;
            Neoptera; Endopterygota; Diptera; Nematocera; Culicoidea;
            Anopheles.
REFERENCE   1  (bases 1 to 584)
  AUTHORS   Holt,R.A., Lin,J.-J., Murphy,S.D., Evans,C.A., Kraft,C.L.,
            Charlab,R., Collins,F.H., Venter,J.C. and Hoffman,S.L.
  TITLE     Celera Anopheles gambiae EST project
  JOURNAL   Unpublished (2002)
COMMENT     Contact: Holt R.A.
            Celera Genomics
            45 w. Gude Dr., Rockville, MD 20850, USA
            Tel: 2404533151
            Fax: 2404534580
            Email: HoltRA@celera.com
            Plate: NU01004HLT  row: J  column: 11
            Seq primer: M13 Reverse.
FEATURES             Location/Qualifiers
     source          1. .584
                     /organism="Anopheles gambiae"
                     /mol_type="mRNA"
                     /strain="RSP-ST (Reduced susc. to Permethrin - std.
                     chromosome)"
                     /db_xref="taxon:7165"
                     /clone="19600449717689"
                     /dev_stage="Adult"
                     /lab_host="DH10b"
                     /clone_lib="A.Gam.ad.cDNA.blood1"
                     /note="Vector: pSport1; Site_1: Sal1; Site_2: Not1; Whole
                     adult mosquitoes (mixed sex) frozen on liquid nitrogen 24
                     hours  after human blood feeding. cDNA inserts >500 bp
                     cloned directionally  into pSport 1. Not 1 site is 3'.
                     Clones available through the Malaria  Research and
                     Reference Reagent Resource Center (www.malaria.mr4.org)"
ORIGIN

  Query Match             83.2%;  Score 15.8;  DB 4;  Length 584;
  Best Local Similarity   89.5%;  Pred. No. 7.9e+02;
  Matches   17;  Conservative    0;  Mismatches    2;  Indels    0;  Gaps    0;

Qy          1 CGGTATGCCCCGCGGATTG 19
              |||||||||| |||||| |
Db        252 CGGTATGCCCGGCGGATCG 234


RESULT 29
BM641051/c
LOCUS       BM641051                 585 bp    mRNA    linear   EST 26-FEB-2002
DEFINITION  17000687306958 A.Gam.ad.cDNA1 Anopheles gambiae cDNA clone
            19600449621213 5', mRNA sequence.
ACCESSION   BM641051
VERSION     BM641051.1  GI:18940562
KEYWORDS    EST.
SOURCE      Anopheles gambiae (African malaria mosquito)
  ORGANISM  Anopheles gambiae
            Eukaryota; Metazoa; Arthropoda; Hexapoda; Insecta; Pterygota;
            Neoptera; Endopterygota; Diptera; Nematocera; Culicoidea;
            Anopheles.
REFERENCE   1  (bases 1 to 585)
  AUTHORS   Holt,R.A., Lin,J.-J., Murphy,S.D., Evans,C.A., Kraft,C.L.,
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            Charlab,R., Collins,F.H., Venter,J.C. and Hoffman,S.L.
  TITLE     Celera Anopheles gambiae EST project
  JOURNAL   Unpublished (2002)
COMMENT     Contact: Holt R.A.
            Celera Genomics
            45 w. Gude Dr., Rockville, MD 20850, USA
            Tel: 2404533151
            Fax: 2404534580
            Email: HoltRA@celera.com
            Plate: NU01004N8I  row: G  column: 03
            Seq primer: M13 Reverse.
FEATURES             Location/Qualifiers
     source          1. .585
                     /organism="Anopheles gambiae"
                     /mol_type="mRNA"
                     /strain="RSP-ST (Reduced susc. to Permethrin - std.
                     chromosome)"
                     /db_xref="taxon:7165"
                     /clone="19600449621213"
                     /dev_stage="Adult"
                     /lab_host="DH10b"
                     /clone_lib="A.Gam.ad.cDNA1"
                     /note="Vector: pSport1; Site_1: Sal1; Site_2: Not1; Whole
                     adult mosquitoes (mixed sex) frozen on liquid nitrogen.
                     cDNA  inserts >500 bp cloned directionally into pSport 1.
                     Not 1 site is  3'. Clones available through the Malaria
                     Research and Reference  Reagent Resource Center
                     (www.malaria.mr4.org)."
ORIGIN

  Query Match             83.2%;  Score 15.8;  DB 4;  Length 585;
  Best Local Similarity   89.5%;  Pred. No. 7.9e+02;
  Matches   17;  Conservative    0;  Mismatches    2;  Indels    0;  Gaps    0;

Qy          1 CGGTATGCCCCGCGGATTG 19
              ||||||||||| ||||||  |
Db        307 CGGTATGCCCGGCGGATCG 289


RESULT 30
BX628384/c
LOCUS       BX628384                 594 bp    mRNA    linear   EST 08-AUG-2003
DEFINITION  BX628384 NAP1 Anopheles gambiae cDNA clone ANGNP1402F01T7, mRNA
            sequence.
ACCESSION   BX628384
VERSION     BX628384.1  GI:33556750
KEYWORDS    EST.
SOURCE      Anopheles gambiae (African malaria mosquito)
  ORGANISM  Anopheles gambiae
            Eukaryota; Metazoa; Arthropoda; Hexapoda; Insecta; Pterygota;
            Neoptera; Endopterygota; Diptera; Nematocera; Culicoidea;
            Anopheles.
REFERENCE   1  (bases 1 to 594)
  AUTHORS   Lobo,N.L., Gardner,M., Romans,P. and Collins,F.H.
  TITLE     Anopheles gambiae EST, Center for Tropical Disease Research and
            Training
  JOURNAL   Unpublished (2003)
COMMENT     Contact: Frank H. Collins
            Center for Tropical Disease Research and Training
            University of Notre Dame
            Notre Dame, IN 46556, USA
            Tel: 574-631-9245
            Fax: 574-631-3996
            Email: frank.h.collins.75@nd.edu.
FEATURES             Location/Qualifiers
     source          1. .594
                     /organism="Anopheles gambiae"
                     /mol_type="mRNA"
                     /db_xref="taxon:7165"
                     /clone="ANGNP1402F01T7"
                     /lab_host="E. coli DH10B"
                     /clone_lib="NAP1"
                     /note="Vector: pT7T3D-Pac (Pharmacia); Site_1: NotI;
                     Site_2: EcoRI; ESTs sequenced from the T7 priming site
                     that reads from the 5' end of cDNA. The NAP1 is a
                     directionally cloned and normalized, oligo-T primed cDNA
                     library constructed from a mixture of Anopheles gambiae
                     developmental stages according to: Bonaldo, Lennon &
                     Soares (1996): Normalization and Subtraction: Two
                     Approaches To Facilitate Gene Discovery, Genome Research
                     6, 791-806."
ORIGIN

  Query Match             83.2%;  Score 15.8;  DB 5;  Length 594;
  Best Local Similarity   89.5%;  Pred. No. 7.9e+02;
  Matches   17;  Conservative    0;  Mismatches    2;  Indels    0;  Gaps    0;

Qy          1 CGGTATGCCCCGCGGATTG 19
              ||||||||||| ||||||  |
Db        333 CGGTATGCCCGGCGGATCG 315


RESULT 31
BI721504/c
LOCUS       BI721504                 597 bp    mRNA    linear   EST 19-SEP-2001
DEFINITION  1031056C12.y1 C. reinhardtii CC-1690, Stress II (normalized),
            Lambda Zap II Chlamydomonas reinhardtii cDNA, mRNA sequence.
ACCESSION   BI721504
VERSION     BI721504.1  GI:15697199
KEYWORDS    EST.
SOURCE      Chlamydomonas reinhardtii
  ORGANISM  Chlamydomonas reinhardtii
            Eukaryota; Viridiplantae; Chlorophyta; Chlorophyceae; Volvocales;
            Chlamydomonadaceae; Chlamydomonas.
REFERENCE   1  (bases 1 to 597)
  AUTHORS   Grossman,A., Chang,C.-W., Davies,J., Harris,E., Hauser,C.,
            Lefebvre,P., McDermott,J.P., Shrager,J., Silflow,C. and Stern,D.
  TITLE     Analyses of the Chlamydomonas reinhardtii Genome: A Model,
            Unicellular System for Analyzing Gene Function and Regulation in
            Vascular Plants. Project: 1031
  JOURNAL   Unpublished (2001)
COMMENT     Contact: Charles Hauser
            DCMB Box 91000
            Duke University
            Durham, NC 27708-1000
            Tel: 919 613 8159
            Fax: 919 613 8177
            Email: chauser@duke.edu.
FEATURES             Location/Qualifiers
     source          1. .597
                     /organism="Chlamydomonas reinhardtii"
                     /mol_type="mRNA"
                     /strain="CC-1690 wild type mt+ 21gr"
                     /db_xref="taxon:3055"
                     /clone_lib="C. reinhardtii CC-1690, Stress II
                     (normalized), Lambda Zap II"
                     /note="Vector: pBluescript II SK-; Site_1: EcoRI; Site_2:
                     XhoI; Stress condition II library, constructed by John
                     Davies and Jeffrey McDermott, combines cDNAs from CC-1690
                     cells grown to mid-log phase in TAP (NH4+ - containing)
                     and shifted to TAP - NO3- (24hrs); H2 production
                     conditions (0, 12hr, 24hr) see Melis et al.,(2000) Plant
                     Phys. 122: 127-135; TAP + H2O2 (1, 12, 24 hr); TAP +
                     sorbitol (1, 2, 6, 24 hr); TAP + Cd (1, 2, 6, 24 hr).
                     PolyA mRNA was purified from each sample, pooled and cDNA
                     synthesized. The cDNA was directionally cloned into lambda
                     Zap II (Stratagene) in the EcoRI (5') and XhoRI (3')
                     sites. pBluescript II SK- plasmids were excised from the
                     lambda ZAP clones by superinfection with ExAssist
                     (Stratagene) phage. The library was normalized using
                     method 4 described in Bonaldo et al., (1996) Genome
                     Research 6: 791-806."
ORIGIN

  Query Match             83.2%;  Score 15.8;  DB 4;  Length 597;
  Best Local Similarity   89.5%;  Pred. No. 7.9e+02;
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  Matches   17;  Conservative    0;  Mismatches    2;  Indels    0;  Gaps    0;

Qy          1 CGGTATGCCCCGCGGATTG 19
              |||||||||| |||| |||
Db        115 CGGTATGCCCTGCGGGTTG 97


RESULT 32
BM653621/c
LOCUS       BM653621                598 bp    mRNA    linear   EST 26-FEB-2002
DEFINITION  17000687378614 A.Gam.ad.cDNA1 Anopheles gambiae cDNA clone
            19600449663848 5', mRNA sequence.
ACCESSION   BM653621
VERSION     BM653621.1  GI:18953132
KEYWORDS    EST.
SOURCE      Anopheles gambiae (African malaria mosquito)
  ORGANISM  Anopheles gambiae
            Eukaryota; Metazoa; Arthropoda; Hexapoda; Insecta; Pterygota;
            Neoptera; Endopterygota; Diptera; Nematocera; Culicoidea;
            Anopheles.
REFERENCE   1  (bases 1 to 598)
  AUTHORS   Holt,R.A., Lin,J.-J., Murphy,S.D., Evans,C.A., Kraft,C.L.,
            Charlab,R., Collins,F.H., Venter,J.C. and Hoffman,S.L.
  TITLE     Celera Anopheles gambiae EST project
  JOURNAL   Unpublished (2002)
COMMENT     Contact: Holt R.A.
            Celera Genomics
            45 w. Gude Dr., Rockville, MD 20850, USA
            Tel: 2404533151
            Fax: 2404534580
            Email: HoltRA@celera.com
            Plate: NU01004I87  row: G  column: 14
            Seq primer: M13 Reverse.
FEATURES             Location/Qualifiers
     source          1. .598
                     /organism="Anopheles gambiae"
                     /mol_type="mRNA"
                     /strain="RSP-ST (Reduced susc. to Permethrin - std.
                     chromosome)"
                     /db_xref="taxon:7165"
                     /clone="19600449663848"
                     /dev_stage="Adult"
                     /lab_host="DH10b"
                     /clone_lib="A.Gam.ad.cDNA1"
                     /note="Vector: pSport1; Site_1: Sal1; Site_2: Not1; Whole
                     adult mosquitoes (mixed sex) frozen on liquid nitrogen.
                     cDNA  inserts >500 bp cloned directionally into pSport 1.
                     Not 1 site is  3'. Clones available through the Malaria
                     Research and Reference  Reagent Resource Center
                     (www.malaria.mr4.org)."
ORIGIN

  Query Match           83.2%;  Score 15.8;  DB 4;  Length 598;
  Best Local Similarity   89.5%;  Pred. No. 7.9e+02;
  Matches   17;  Conservative    0;  Mismatches    2;  Indels    0;  Gaps    0;

Qy          1 CGGTATGCCCCGCGGATTG 19
              |||||||||| |||||| |
Db        336 CGGTATGCCCGGCGGATCG 318


RESULT 33
BM641691/c
LOCUS       BM641691                601 bp    mRNA    linear   EST 26-FEB-2002
DEFINITION  17000687308312 A.Gam.ad.cDNA1 Anopheles gambiae cDNA clone
            19600449660049 5', mRNA sequence.
ACCESSION   BM641691
VERSION     BM641691.1  GI:18941202
KEYWORDS    EST.
SOURCE      Anopheles gambiae (African malaria mosquito)
  ORGANISM  Anopheles gambiae
            Eukaryota; Metazoa; Arthropoda; Hexapoda; Insecta; Pterygota;
            Neoptera; Endopterygota; Diptera; Nematocera; Culicoidea;
            Anopheles.
REFERENCE   1  (bases 1 to 601)
  AUTHORS   Holt,R.A., Lin,J.-J., Murphy,S.D., Evans,C.A., Kraft,C.L.,
            Charlab,R., Collins,F.H., Venter,J.C. and Hoffman,S.L.
  TITLE     Celera Anopheles gambiae EST project
  JOURNAL   Unpublished (2002)
COMMENT     Contact: Holt R.A.
            Celera Genomics
            45 w. Gude Dr., Rockville, MD 20850, USA
            Tel: 2404533151
            Fax: 2404534580
            Email: HoltRA@celera.com
            Plate: NU01004HMM  row: I  column: 07
            Seq primer: M13 Reverse.
FEATURES             Location/Qualifiers
     source          1. .601
                     /organism="Anopheles gambiae"
                     /mol_type="mRNA"
                     /strain="RSP-ST (Reduced susc. to Permethrin - std.
                     chromosome)"
                     /db_xref="taxon:7165"
                     /clone="19600449660049"
                     /dev_stage="Adult"
                     /lab_host="DH10b"
                     /clone_lib="A.Gam.ad.cDNA1"
                     /note="Vector: pSport1; Site_1: Sal1; Site_2: Not1; Whole
                     adult mosquitoes (mixed sex) frozen on liquid nitrogen.
                     cDNA  inserts >500 bp cloned directionally into pSport 1.
                     Not 1 site is  3'. Clones available through the Malaria
                     Research and Reference  Reagent Resource Center
                     (www.malaria.mr4.org)."
ORIGIN

  Query Match           83.2%;  Score 15.8;  DB 4;  Length 601;
  Best Local Similarity   89.5%;  Pred. No. 7.9e+02;
  Matches   17;  Conservative    0;  Mismatches    2;  Indels    0;  Gaps    0;

Qy          1 CGGTATGCCCCGCGGATTG 19
              |||||||||| |||||| |
Db        312 CGGTATGCCCGGCGGATCG 294


RESULT 34
AQ952160/c
LOCUS       AQ952160                605 bp    DNA     linear   GSS 27-JAN-2000
DEFINITION  Sheared DNA-42C9.TR Sheared DNA Trypanosoma brucei genomic clone
            Sheared DNA-42C9, genomic survey sequence.
ACCESSION   AQ952160
VERSION     AQ952160.1  GI:6775425
KEYWORDS    GSS.
SOURCE      Trypanosoma brucei
  ORGANISM  Trypanosoma brucei
            Eukaryota; Euglenozoa; Kinetoplastida; Trypanosomatidae;
            Trypanosoma.
REFERENCE   1  (bases 1 to 605)
  AUTHORS   El-Sayed,N., Zhao,S., Zhao,H., Gill,S., Suh,E., Malek,J., Fujii,C.,
            Gerrard,C., Leech,V., de Jong,P., Ullu,E., Melville,S.,
            Donelson,J., Fraser,C. and Adams,M.
  TITLE     Determination of clone end sequences from Trypanosoma brucei GUTat
            10.1 sheared DNA library
  JOURNAL   Unpublished (1999)
COMMENT     Other_GSSs: Sheared DNA-42C9.TF
            Contact: Najib M. El-Sayed
            Department of Eukaryotic Genomics
            The Institute for Genomic Research
            9712 Medical Center Dr., Rockville, MD 20850, USA
            Tel: 301 838 0200
            Fax: 301 838 0208
            Email: nelsayed@tigr.org
            Clones are derived from the Trypanosoma brucei GUTat 10.1 sheared
            DNA library constructed at TIGR. Clones will be available for
            distribution through ATCC. Sheared DNA end sequences search page:
            http://www.tigr.org/tdb/mdb/tbdb/.
```

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            Seq primer: M13-Reverse
            Class: shotgun.
FEATURES              Location/Qualifiers
     source           1. .605
                      /organism="Trypanosoma brucei"
                      /mol_type="genomic DNA"
                      /strain="TREU927/4 GUTat 10.1"
                      /db_xref="taxon:5691"
                      /clone="Sheared DNA-42C9"
                      /clone_lib="Sheared DNA"
                      /note="Vector: pUC18; Site_1: SmaI; Constructed at The
                      Institute for Genomic Research (TIGR), Rockville, MD.
                      Genomic DNA isolated from a cloned population of
                      Trypanosoma brucei (TREU927/4 GUTat 10.1) was mechanically
                      sheared to give a tight size distribution (approx 2 kb).
                      The v + i method used for the library construction is
                      described in detail in Smith, H.O. and Venter, J.C.
                      (Making small insert libraries for whole genome shotgun
                      sequencing projects.  In Genome Sequencing: A Practical
                      Approach, eds. M. Vaudin and B. Barell, Oxford University
                      Press, 1999)."
ORIGIN

  Query Match             83.2%;  Score 15.8;  DB 8;  Length 605;
  Best Local Similarity   89.5%;  Pred. No. 7.9e+02;
  Matches   17;  Conservative    0;  Mismatches    2;  Indels    0;  Gaps    0;

Qy          1 CGGTATGCCCCGCGGATTG 19
              ||| |||| ||||||||||
Db        301 CGGCATGCTCCGCGGATTG 283


RESULT 35
BG636165/c
LOCUS       BG636165                607 bp    mRNA    linear   EST 23-APR-2001
DEFINITION  SD13765.5prime SD Drosophila melanogaster Schneider L2 cell culture
            pOT2 Drosophila melanogaster cDNA clone SD13765 5 similar to
            CG1886: FBan0001886 'transporter' located on: X 10F2-10F2;:
            04/13/2001, mRNA sequence.
ACCESSION   BG636165
VERSION     BG636165.1  GI:13763702
KEYWORDS    EST.
SOURCE      Drosophila melanogaster (fruit fly)
  ORGANISM  Drosophila melanogaster
            Eukaryota; Metazoa; Arthropoda; Hexapoda; Insecta; Pterygota;
            Neoptera; Endopterygota; Diptera; Brachycera; Muscomorpha;
            Ephydroidea; Drosophilidae; Drosophila.
REFERENCE   1  (bases 1 to 607)
  AUTHORS   Harvey,D., Brokstein,P., Hong,L., Evans-Holm,M., Su,C., Tsang,G.,
            Lewis,S. and Rubin,G.M.
  TITLE     BDGP/HHMI Drosophila EST Project
  JOURNAL   Unpublished (2001)
COMMENT     Contact: Stapleton, M.
            BDGP
            Lawrence Berkeley National Lab
            One Cyclotron Rd, Berkeley, CA 94720, USA
            Fax: 510 486 6798
            Email: http://www.fruitfly.org/EST, est@fruitfly.berkeley.edu
            hit genomic AE003487: arm:X [11484037,11785087]
            estimated-cyto:10D4-11A4: 04/13/2001
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FEATURES              Location/Qualifiers
     source           1. .607
                      /organism="Drosophila melanogaster"
                      /mol_type="mRNA"
                      /db_xref="taxon:7227"
                      /clone="SD13765"
                      /lab_host="DH5-alpha"
                      /clone_lib="SD Drosophila melanogaster Schneider L2 cell
                      culture pOT2"
                      /note="Vector: pOT2; Site_1: EcoRI; Site_2: Xho1; Sized
                      fractionated cDNAs were directly ligated into pOT2.
                      Plasmid cDNA library."
ORIGIN

  Query Match             83.2%;  Score 15.8;  DB 4;  Length 607;
  Best Local Similarity   89.5%;  Pred. No. 7.9e+02;
  Matches   17;  Conservative    0;  Mismatches    2;  Indels    0;  Gaps    0;

Qy          1 CGGTATGCCCCGCGGATTG 19
              |||||||||| || |||||
Db        296 CGGTATGCCCAGCAGATTG 278


RESULT 36
BX466755
LOCUS       BX466755                622 bp    mRNA    linear   EST 12-JUN-2003
DEFINITION  BX466755 NAP1 Anopheles gambiae cDNA clone NAP1-P159-B-08-5, mRNA
            sequence.
ACCESSION   BX466755
VERSION     BX466755.1  GI:31657902
KEYWORDS    EST.
SOURCE      Anopheles gambiae (African malaria mosquito)
  ORGANISM  Anopheles gambiae
            Eukaryota; Metazoa; Arthropoda; Hexapoda; Insecta; Pterygota;
            Neoptera; Endopterygota; Diptera; Nematocera; Culicoidea;
            Anopheles.
REFERENCE   1  (bases 1 to 622)
  AUTHORS   Christophides,G.K., Blass,K., Zdobnov,E.M., Carmouche,R., Benes,V.
            and Kafatos,F.C.
  TITLE     Anopheles gambiae EST, European Molecular Biology Laboratory
  JOURNAL   Unpublished (2002)
COMMENT     Contact: Christophides GK
            Fotis C. Kafatos laboratory
            European Molecular Biology Laboratory
            Meyerhofstrasse 1, 69117 Heidelberg, Germany
            Tel: +49 6221 387-440
            Fax: +49 6221 387-306
            Email: christop@embl-heidelberg.de
            Contact: Christophides G.K.
            European Molecular Biology Laboratory
            Meyerhofstr. 1, 69117 Heidelberg, Germany.
            Tel: +49 6221 387- 440
            Fax: +49 6221 387-306
            Email: christop@embl-heidelberg.de
            Plate: P159 row: B column: 08.
FEATURES              Location/Qualifiers
     source           1. .622
                      /organism="Anopheles gambiae"
                      /mol_type="mRNA"
                      /db_xref="taxon:7165"
                      /clone="NAP1-P159-B-08-5"
                      /lab_host="E. coli DH10B"
                      /clone_lib="NAP1"
                      /note="Vector: pT7T3D-Pac (Pharmacia); Site_1: NotI;
                      Site_2: EcoRI; ESTs sequenced from the T7 priming site
                      that reads from the 5' end of cDNA. The NAP1 is a
                      directionally cloned and normalized, oligo-T primed cDNA
                      library constructed from a mixture of Anopheles gambiae
                      developmental stages according to: Bonaldo, Lennon &
                      Soares (1996): Normalization and Subtraction: Two
                      Approaches To Facilitate Gene Discovery, Genome Research
                      6, 791-806."
ORIGIN

  Query Match             83.2%;  Score 15.8;  DB 5;  Length 622;
  Best Local Similarity   89.5%;  Pred. No. 7.9e+02;
  Matches   17;  Conservative    0;  Mismatches    2;  Indels    0;  Gaps    0;

Qy          1 CGGTATGCCCCGCGGATTG 19
              |||||||||| |||||| |
Db        401 CGGTATGCCCGGCGGATCG 419


RESULT 37
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CR528163/c
LOCUS       CR528163                628 bp    mRNA    linear   EST 07-JUL-2004
DEFINITION  CR528163 Normalized Anopheles Head (NAH) Library Anopheles gambiae
            cDNA clone AGAG143TR, mRNA sequence.
ACCESSION   CR528163
VERSION     CR528163.1  GI:49926078
KEYWORDS    EST.
SOURCE      Anopheles gambiae (African malaria mosquito)
  ORGANISM  Anopheles gambiae
            Eukaryota; Metazoa; Arthropoda; Hexapoda; Insecta; Pterygota;
            Neoptera; Endopterygota; Diptera; Nematocera; Culicoidea;
            Anopheles.
REFERENCE   1  (bases 1 to 628)
  AUTHORS   Lobo,N.L., Gardner,M., Romans,P. and Collins,F.H.
  TITLE     Anopheles gambiae EST, Center for Tropical Disease Research and
            Training
  JOURNAL   Unpublished (2003)
COMMENT     Contact: Frank H. Collins
            Center for Tropical Disease Research and Training
            University of Notre Dame
            Notre Dame, IN 46556, USA
            Tel: 574-631-9245
            Fax: 574-631-3996
            Email: frank.h.collins.75@nd.edu
            Contact: Frank H. Collins
            Center for Tropical Disease Research and Training
            University of Notre Dame, Notre Dame, IN 46556, USA. Tel: 574-631-
            9245
            Fax: 574-631-3996
            Email: frank.h.collins.75@nd.edu.
FEATURES             Location/Qualifiers
     source          1. .628
                     /organism="Anopheles gambiae"
                     /mol_type="mRNA"
                     /db_xref="taxon:7165"
                     /clone="AGAG143TR"
                     /lab_host="E. coli DH10B"
                     /clone_lib="Normalized Anopheles Head (NAH) Library"
                     /note="Vector: pT7T3D-Pac (Pharmacia) with a modified
                     polylinker; Site_1: EcoR1 (5'end); Site_2: Not1 (3'end); a
                     directionally cloned and normalized, oligo-T primed cDNA
                     library constructed from strain 4arr adult mosquito heads.
                     Equal numbers of sugar fed males, sugar fed females and 6,
                     24 and 48 hr post blood meal females were used: Bonaldo,
                     Lennon & Soares (1996): Normalization and Subtraction: Two
                     Approaches To Facilitate Gene Discovery, Genome Research
                     6, 791-806. ESTs sequenced from the M13 reverse priming
                     site reading from the 5' ends of the cDNAs are indicated
                     by 'R' in the clone name. ESTs sequenced from the M13
                     forward priming site reading from the 3' ends of the cDNAs
                     are indicated by 'F' in the clone name."
ORIGIN

  Query Match             83.2%;  Score 15.8;  DB 7;  Length 628;
  Best Local Similarity   89.5%;  Pred. No. 7.9e+02;
  Matches   17;  Conservative    0;  Mismatches    2;  Indels    0;  Gaps    0;

Qy          1 CGGTATGCCCCGCGGATTG 19
              |||||||||| ||||||  |
Db        296 CGGTATGCCCGGCGGATCG 278


RESULT 38
CR536300/c
LOCUS       CR536300                636 bp    mRNA    linear   EST 07-JUL-2004
DEFINITION  CR536300 Normalized Anopheles Head (NAH) Library Anopheles gambiae
            cDNA clone AGAF974TR, mRNA sequence.
ACCESSION   CR536300
VERSION     CR536300.1  GI:49922780
KEYWORDS    EST.
SOURCE      Anopheles gambiae (African malaria mosquito)
  ORGANISM  Anopheles gambiae
            Eukaryota; Metazoa; Arthropoda; Hexapoda; Insecta; Pterygota;
            Neoptera; Endopterygota; Diptera; Nematocera; Culicoidea;
            Anopheles.
REFERENCE   1  (bases 1 to 636)
  AUTHORS   Lobo,N.L., Gardner,M., Romans,P. and Collins,F.H.
  TITLE     Anopheles gambiae EST, Center for Tropical Disease Research and
            Training
  JOURNAL   Unpublished (2003)
COMMENT     Contact: Frank H. Collins
            Center for Tropical Disease Research and Training
            University of Notre Dame
            Notre Dame, IN 46556, USA
            Tel: 574-631-9245
            Fax: 574-631-3996
            Email: frank.h.collins.75@nd.edu
            Contact: Frank H. Collins
            Center for Tropical Disease Research and Training
            University of Notre Dame, Notre Dame, IN 46556, USA. Tel: 574-631-
            9245
            Fax: 574-631-3996
            Email: frank.h.collins.75@nd.edu.
FEATURES             Location/Qualifiers
     source          1. .636
                     /organism="Anopheles gambiae"
                     /mol_type="mRNA"
                     /db_xref="taxon:7165"
                     /clone="AGAF974TR"
                     /lab_host="E. coli DH10B"
                     /clone_lib="Normalized Anopheles Head (NAH) Library"
                     /note="Vector: pT7T3D-Pac (Pharmacia) with a modified
                     polylinker; Site_1: EcoR1 (5'end); Site_2: Not1 (3'end); a
                     directionally cloned and normalized, oligo-T primed cDNA
                     library constructed from strain 4arr adult mosquito heads.
                     Equal numbers of sugar fed males, sugar fed females and 6,
                     24 and 48 hr post blood meal females were used: Bonaldo,
                     Lennon & Soares (1996): Normalization and Subtraction: Two
                     Approaches To Facilitate Gene Discovery, Genome Research
                     6, 791-806. ESTs sequenced from the M13 reverse priming
                     site reading from the 5' ends of the cDNAs are indicated
                     by 'R' in the clone name. ESTs sequenced from the M13
                     forward priming site reading from the 3' ends of the cDNAs
                     are indicated by 'F' in the clone name."
ORIGIN

  Query Match             83.2%;  Score 15.8;  DB 7;  Length 636;
  Best Local Similarity   89.5%;  Pred. No. 7.9e+02;
  Matches   17;  Conservative    0;  Mismatches    2;  Indels    0;  Gaps    0;

Qy          1 CGGTATGCCCCGCGGATTG 19
              |||||||||| ||||||  |
Db        268 CGGTATGCCCGGCGGATCG 250


RESULT 39
BM640645/c
LOCUS       BM640645                647 bp    mRNA    linear   EST 26-FEB-2002
DEFINITION  17000687283871 A.Gam.ad.cDNA1 Anopheles gambiae cDNA clone
            19600449654288 5', mRNA sequence.
ACCESSION   BM640645
VERSION     BM640645.1  GI:18940156
KEYWORDS    EST.
SOURCE      Anopheles gambiae (African malaria mosquito)
  ORGANISM  Anopheles gambiae
            Eukaryota; Metazoa; Arthropoda; Hexapoda; Insecta; Pterygota;
            Neoptera; Endopterygota; Diptera; Nematocera; Culicoidea;
            Anopheles.
REFERENCE   1  (bases 1 to 647)
  AUTHORS   Holt,R.A., Lin,J.-J., Murphy,S.D., Evans,C.A., Kraft,C.L.,
            Charlab,R., Collins,F.H., Venter,J.C. and Hoffman,S.L.
  TITLE     Celera Anopheles gambiae EST project
  JOURNAL   Unpublished (2002)
COMMENT     Contact: Holt R.A.
            Celera Genomics
            45 w. Gude Dr., Rockville, MD 20850, USA
```

```
            Tel: 2404533151
            Fax: 2404534580
            Email: HoltRA@celera.com
            Plate: NU01004AYW  row: I  column: 06
            Seq primer: M13 Reverse.
FEATURES              Location/Qualifiers
     source           1. .647
                      /organism="Anopheles gambiae"
                      /mol_type="mRNA"
                      /strain="RSP-ST (Reduced susc. to Permethrin - std.
                      chromosome)"
                      /db_xref="taxon:7165"
                      /clone="19600449654288"
                      /dev_stage="Adult"
                      /lab_host="DH10b"
                      /clone_lib="A.Gam.ad.cDNA1"
                      /note="Vector: pSport1; Site_1: Sal1; Site_2: Not1; Whole
                      adult mosquitoes (mixed sex) frozen on liquid nitrogen.
                      cDNA  inserts >500 bp cloned directionally into pSport 1.
                      Not 1 site is  3'. Clones available through the Malaria
                      Research and Reference  Reagent Resource Center
                      (www.malaria.mr4.org)."
ORIGIN

  Query Match             83.2%;  Score 15.8;  DB 4;  Length 647;
  Best Local Similarity   89.5%;  Pred. No. 7.9e+02;
  Matches   17;  Conservative    0;  Mismatches    2;  Indels    0;  Gaps    0;

Qy          1 CGGTATGCCCCGCGGATTG 19
              |||||||||| |||||| |
Db        330 CGGTATGCCCGGCGGATCG 312


RESULT 40
CK581015/c
LOCUS       CK581015                652 bp    mRNA    linear   EST 16-JAN-2004
DEFINITION  IST_WI5_31800 AD-wrmcDNA library Caenorhabditis elegans cDNA 5'
            similar to C48D5.1, mRNA sequence.
ACCESSION   CK581015
VERSION     CK581015.1  GI:40964683
KEYWORDS    EST.
SOURCE      Caenorhabditis elegans
  ORGANISM  Caenorhabditis elegans
            Eukaryota; Metazoa; Nematoda; Chromadorea; Rhabditida;
            Rhabditoidea; Rhabditidae; Peloderinae; Caenorhabditis.
REFERENCE   1  (bases 1 to 652)
  AUTHORS   Li,S., Armstrong,C.M., Bertin,N., Ge,H., Milstein,S., Boxem,M.,
            Vidalain,P.O., Han,J.D., Chesneau,A., Hao,T., Goldberg,D.S., Li,N.,
            Martinez,M., Rual,J.F., Lamesch,P., Xu,L., Tewari,M., Wong,S.L.,
            Zhang,L.V., Berriz,G.F., Jacotot,L., Vaglio,P., Reboul,J.,
            Hirozane-Kishikawa,T., Li,Q., Gabel,H.W., Elewa,A., Baumgartner,B.,
            Rose,D.J., Yu,H., Bosak,S., Sequerra,R., Fraser,A., Mango,S.E.,
            Saxton,W.M., Strome,S., Van Den Heuvel,S., Piano,F.,
            Vandenhaute,J., Sardet,C., Gerstein,M., Doucette-Stamm,L.,
            Gunsalus,K.C., Harper,J.W., Cusick,M.E., Roth,F.P., Hill,D.E. and
            Vidal,M.
  TITLE     A Map of the Interactome Network of the Metazoan C. elegans
  JOURNAL   Science (2004) In press
COMMENT     Contact: Vidal M
            Marc Vidal Laboratory
            Dana Farber Cancer Institute
            1 Jimmy Fund Way Smith 858, BOSTON, MA 02115, USA
            Tel: 617 632 5180
            Fax: 617 632 5739
            Email: Marc_Vidal@dfci.harvard.edu
            For the purpose of protein interaction mapping, we generated a C.
            elegans cDNA library (AD-wrmcDNA) in which poly(dT)-primed reverse
            transcribed cDNA are fused to the AD-encoding sequence of the yeast
            transcription factor GAL4. cDNAs were generated and cloned into the
            two hybrid vector pPC86 This Interacting Sequence Tag IST_WI5_31800
            (C48D5.1) interacts as a prey with the bait F22B5.7
            PCR PRimers
            FORWARD: CGCGTTTGGAATCACTACAGGG
            BACKWARD: GGAGACTTGACCAAACCTCTGGCG
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                      /strain="N2"
                      /db_xref="taxon:6239"
                      /sex="male, hermaphrodite"
                      /dev_stage="embryos, L1, L2, L3, L4, adult, dauer"
                      /clone_lib="AD-wrmcDNA library"
                      /note="Vector: pPC86; For the purpose of protein
                      interaction mapping, we generated a C. elegans cDNA
                      library (AD-wrmcDNA) in which poly(dT)-primed reverse
                      transcribed cDNA are fused to the AD-encoding sequence of
                      the yeast transcription factor GAL4. This library was made
                      with poly(A)+ RNA isolated from mated populations of
                      wild-type (N2 strain) animals of all stages of development
                      including embryonic, larval (L1 to L4 stages), adults and
                      dauer. Approximately equal quantities of RNA from
                      different populations were acquiered. cDNAs were generated
                      and cloned into the two hybrid vector pPC86. The library
                      contains ~3*10e7 clones. Reference - GATEWAY
                      recombinational cloning: application to the cloning of
                      large numbers of open reading frames or ORFeomes - Walhout
                      AJ, Temple GF, Brasch MA, Hartley JL, Lorson MA, van den
                      Heuvel S, Vidal M  - Methods Enzymol. 2000;328:575-92"
ORIGIN

  Query Match             83.2%;  Score 15.8;  DB 7;  Length 652;
  Best Local Similarity   89.5%;  Pred. No. 8e+02;
  Matches   17;  Conservative    0;  Mismatches    2;  Indels    0;  Gaps    0;

Qy          1 CGGTATGCCCCGCGGATTG 19
              |||| |||| |||||||||
Db        583 CGGTTTGCCACGCGGATTG 565


Search completed: October 28, 2005, 17:19:03
Job time : 1971 secs
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Salvoza, F.
10/729421
Seq. IDs 45 & 53

GenCore version 5.1.6
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OM nucleic - nucleic search, using sw model

Run on: October 28, 2005, 18:26:32 ; Search time 1516 Seconds
(without alignments)
639.251 Million cell updates/sec

Title: US-10-729-421-45
Perfect score: 20
Sequence: 1 gtccacctcttgcgaaggac 20

Scoring table: OLIGO_NUC
Gapop 60.0 , Gapext 60.0

Searched: 4708233 seqs, 24227607955 residues

Word size : 0

Total number of hits satisfying chosen parameters: 1981570

Minimum DB seq length: 0
Maximum DB seq length: 60

Post-processing: Listing first 6500 summaries

Database : GenEmbl:*
1: gb_ba:*
2: gb_htg:*
3: gb_in:*
4: gb_om:*
5: gb_ov:*
6: gb_pat:*
7: gb_ph:*
8: gb_pl:*
9: gb_pr:*
10: gb_ro:*
11: gb_sts:*
12: gb_sy:*
13: gb_un:*
14: gb_vi:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

	Result No.	Score	% Query Match	Length	DB	ID	Description
c	1	13	65.0	17	6	BD199047	BD199047 Method an
c	2	13	65.0	17	6	BD199048	BD199048 Method an
	3	13	65.0	60	6	CQ542763	CQ542763 Sequence
	4	12	60.0	17	6	AR057512	AR057512 Sequence
	5	12	60.0	17	6	AR057728	AR057728 Sequence
	6	12	60.0	17	6	AR057789	AR057789 Sequence
	7	12	60.0	17	6	AR057790	AR057790 Sequence
	8	12	60.0	17	6	AR115270	AR115270 Sequence
	9	12	60.0	17	6	AR115486	AR115486 Sequence
	10	12	60.0	17	6	AR115547	AR115547 Sequence
	11	12	60.0	17	6	AR115548	AR115548 Sequence
	12	12	60.0	17	6	AX634572	AX634572 Sequence
	13	12	60.0	17	6	AX634808	AX634808 Sequence
	14	12	60.0	17	6	AX634833	AX634833 Sequence
	15	12	60.0	17	6	AX634835	AX634835 Sequence
c	16	12	60.0	20	6	AR229529	AR229529 Sequence
c	17	12	60.0	20	6	AR532584	AR532584 Sequence
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c	19	12	60.0	20	6	AX477114	AX477114 Sequence
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	21	12	60.0	21	6	BD233905	BD233905 Method fo
c	22	12	60.0	22	6	AR225295	AR225295 Sequence
c	23	12	60.0	24	6	BD249860	BD249860 Test kit
c	24	12	60.0	24	6	AX033495	AX033495 Sequence
	25	12	60.0	24	6	AX290474	AX290474 Sequence
c	26	12	60.0	27	6	BD170107	BD170107 Method of
c	27	12	60.0	28	6	AR409624	AR409624 Sequence
	28	12	60.0	28	6	AX708317	AX708317 Sequence
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	34	12	60.0	60	6	AX150206	AX150206 Sequence
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	36	11	55.0	17	6	AX781910	AX781910 Sequence
	37	11	55.0	17	6	AX781911	AX781911 Sequence
	38	11	55.0	17	6	AX781912	AX781912 Sequence
	39	11	55.0	17	6	AX781913	AX781913 Sequence
	40	11	55.0	17	6	AX781914	AX781914 Sequence
	41	11	55.0	17	6	AX781915	AX781915 Sequence
	42	11	55.0	17	6	AX781916	AX781916 Sequence
c	43	11	55.0	18	6	A41794	A41794 Sequence 4
	44	11	55.0	20	6	AR076636	AR076636 Sequence
	45	11	55.0	20	6	I87105	I87105 Sequence 1
	46	11	55.0	20	6	AR182693	AR182693 Sequence
c	47	11	55.0	20	6	AR225254	AR225254 Sequence
	48	11	55.0	20	6	AR231439	AR231439 Sequence
	49	11	55.0	20	6	AR237040	AR237040 Sequence
	50	11	55.0	20	6	AR300773	AR300773 Sequence
	51	11	55.0	20	6	AR370359	AR370359 Sequence
	52	11	55.0	20	6	AX226291	AX226291 Sequence
	53	11	55.0	20	6	AX774389	AX774389 Sequence
	54	11	55.0	20	6	BD015992	BD015992 Oligonucl
	55	11	55.0	20	6	BD016111	BD016111 Oligonucl
	56	11	55.0	20	6	BD017263	BD017263 Oligonucl
	57	11	55.0	21	6	AR059232	AR059232 Sequence
c	58	11	55.0	24	6	BD170100	BD170100 Method of
c	59	11	55.0	24	6	BD177245	BD177245 A method
	60	11	55.0	24	6	AX290544	AX290544 Sequence
	61	11	55.0	24	6	AX290802	AX290802 Sequence
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	63	11	55.0	25	6	AX150208	AX150208 Sequence
	64	11	55.0	25	6	AX782653	AX782653 Sequence
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	73	11	55.0	25	6	AX782662	AX782662 Sequence
	74	11	55.0	25	6	AX782663	AX782663 Sequence
	75	11	55.0	25	6	AX782664	AX782664 Sequence
	76	11	55.0	25	6	AX782665	AX782665 Sequence
	77	11	55.0	25	6	AX782666	AX782666 Sequence
	78	11	55.0	25	6	AX782667	AX782667 Sequence
c	79	11	55.0	28	6	AX800048	AX800048 Sequence
	80	11	55.0	30	6	BD095700	BD095700 Novel gua
c	81	11	55.0	35	6	AR079703	AR079703 Sequence
c	82	11	55.0	35	6	AR081233	AR081233 Sequence
c	83	11	55.0	35	6	AR170593	AR170593 Sequence
	84	11	55.0	35	6	AX099977	AX099977 Sequence
	85	11	55.0	36	6	AR120480	AR120480 Sequence
	86	11	55.0	36	6	BD141342	BD141342 Novel phi
	87	11	55.0	36	6	BD141347	BD141347 Novel phi
	88	11	55.0	36	6	BD142836	BD142836 Novel G p
	89	11	55.0	36	6	BD142841	BD142841 Novel G p
	90	11	55.0	36	6	BD170238	BD170238 Process f
	91	11	55.0	36	6	BD170816	BD170816 Process f
	92	11	55.0	36	6	BD173681	BD173681 Novel phy

93	11	55.0	36	6	BD173688	BD173688	Novel phy
94	11	55.0	36	6	BD174257	BD174257	Novel phi
95	11	55.0	36	6	BD174302	BD174302	Novel phi
96	11	55.0	36	6	BD181646	BD181646	Novel phi
97	11	55.0	36	6	BD181651	BD181651	Novel phi
98	11	55.0	36	6	AR341171	AR341171	Sequence
99	11	55.0	36	6	BD013004	BD013004	Novel G p
100	11	55.0	36	6	BD013009	BD013009	Novel G p
101	11	55.0	36	6	BD063489	BD063489	Streptoco
102	11	55.0	47	6	CQ654518	CQ654518	Sequence
c 103	11	55.0	50	6	CQ005547	CQ005547	Sequence
104	11	55.0	51	6	AX162995	AX162995	Sequence
105	11	55.0	51	6	AX162996	AX162996	Sequence
106	11	55.0	51	6	AX163273	AX163273	Sequence
107	11	55.0	51	6	AX163274	AX163274	Sequence
c 108	11	55.0	60	6	CQ535904	CQ535904	Sequence
109	11	55.0	60	6	CQ536099	CQ536099	Sequence
c 110	11	55.0	60	6	CQ538807	CQ538807	Sequence
c 111	11	55.0	60	6	CQ540006	CQ540006	Sequence
112	11	55.0	60	6	CQ542210	CQ542210	Sequence
c 113	11	55.0	60	6	CQ543655	CQ543655	Sequence
c 114	11	55.0	60	6	CQ544987	CQ544987	Sequence
c 115	11	55.0	60	6	CQ545629	CQ545629	Sequence
c 116	10	50.0	15	6	AX457103	AX457103	Sequence
c 117	10	50.0	16	6	AR435955	AR435955	Sequence
c 118	10	50.0	17	6	BD199046	BD199046	Method an
119	10	50.0	17	6	BD255128	BD255128	Regulatio
120	10	50.0	17	6	BD255129	BD255129	Regulatio
c 121	10	50.0	17	6	AR286495	AR286495	Sequence
c 122	10	50.0	17	6	AR398485	AR398485	Sequence
123	10	50.0	17	6	AX760780	AX760780	Sequence
124	10	50.0	17	6	AX781909	AX781909	Sequence
125	10	50.0	17	6	AX781917	AX781917	Sequence
126	10	50.0	17	6	AX805124	AX805124	Sequence
c 127	10	50.0	19	6	BD226481	BD226481	Method an
128	10	50.0	19	6	AX014078	AX014078	Sequence
c 129	10	50.0	19	6	AX115426	AX115426	Sequence
130	10	50.0	20	6	AR213950	AR213950	Sequence
c 131	10	50.0	20	6	AR220170	AR220170	Sequence
c 132	10	50.0	20	6	AR231081	AR231081	Sequence
133	10	50.0	20	6	AX295002	AX295002	Sequence
134	10	50.0	20	6	AX295435	AX295435	Sequence
135	10	50.0	20	6	AX295646	AX295646	Sequence
136	10	50.0	20	6	AX296417	AX296417	Sequence
c 137	10	50.0	20	6	AX488207	AX488207	Sequence
c 138	10	50.0	20	6	AX804816	AX804816	Sequence
139	10	50.0	21	6	AR072285	AR072285	Sequence
c 140	10	50.0	21	6	AR163422	AR163422	Sequence
141	10	50.0	21	6	I26396	I26396	Sequence 88
c 142	10	50.0	21	6	AR296809	AR296809	Sequence
143	10	50.0	22	6	CQ778370	CQ778370	Sequence
144	10	50.0	22	6	AX005835	AX005835	Sequence
145	10	50.0	22	6	AX482109	AX482109	Sequence
146	10	50.0	22	6	AX511348	AX511348	Sequence
147	10	50.0	22	6	AX721709	AX721709	Sequence
148	10	50.0	22	6	BD074508	BD074508	Genetic r
c 149	10	50.0	23	6	AX110261	AX110261	Sequence
150	10	50.0	24	6	A57522	A57522	Sequence 14
c 151	10	50.0	24	6	AR008538	AR008538	Sequence
c 152	10	50.0	24	6	AR013833	AR013833	Sequence
c 153	10	50.0	24	6	AR014326	AR014326	Sequence
c 154	10	50.0	24	6	AR033787	AR033787	Sequence
c 155	10	50.0	24	6	AR042447	AR042447	Sequence
156	10	50.0	24	6	AR050629	AR050629	Sequence
157	10	50.0	24	6	AR052988	AR052988	Sequence
c 158	10	50.0	24	6	AR058327	AR058327	Sequence
c 159	10	50.0	24	6	AR068085	AR068085	Sequence
c 160	10	50.0	24	6	AR088153	AR088153	Sequence
161	10	50.0	24	6	AR136082	AR136082	Sequence
c 162	10	50.0	24	6	BD249755	BD249755	PTH1R and
163	10	50.0	24	6	E12303	E12303	Primer. 4/1
c 164	10	50.0	24	6	I86172	I86172	Sequence 22
c 165	10	50.0	24	6	I86882	I86882	Sequence 22
c 166	10	50.0	24	6	AR302335	AR302335	Sequence
167	10	50.0	24	6	AX289848	AX289848	Sequence
168	10	50.0	24	6	AX290369	AX290369	Sequence
169	10	50.0	24	6	AX291013	AX291013	Sequence
170	10	50.0	24	6	AX291784	AX291784	Sequence
171	10	50.0	24	6	AX458685	AX458685	Sequence
172	10	50.0	24	6	AX487125	AX487125	Sequence
c 173	10	50.0	24	6	AX548346	AX548346	Sequence
174	10	50.0	24	6	AX697081	AX697081	Sequence
c 175	10	50.0	24	6	AX746339	AX746339	Sequence
176	10	50.0	24	6	AX764393	AX764393	Sequence
c 177	10	50.0	24	6	AX816919	AX816919	Sequence
c 178	10	50.0	24	6	BD064508	BD064508	ICAM-4 an
179	10	50.0	25	6	CQ864266	CQ864266	Sequence
180	10	50.0	25	6	CQ864267	CQ864267	Sequence
181	10	50.0	25	6	I43263	I43263	Sequence 81
182	10	50.0	25	6	AX197056	AX197056	Sequence
183	10	50.0	25	6	AX782652	AX782652	Sequence
184	10	50.0	25	6	AX782668	AX782668	Sequence
185	10	50.0	25	6	BD090812	BD090812	Use of po
c 186	10	50.0	27	6	AX665402	AX665402	Sequence
c 187	10	50.0	29	6	AR039142	AR039142	Sequence
c 188	10	50.0	29	6	AR065272	AR065272	Sequence
189	10	50.0	29	6	BD252630	BD252630	Regulatio
c 190	10	50.0	29	6	AR443169	AR443169	Sequence
c 191	10	50.0	29	6	BD061656	BD061656	Regulator
192	10	50.0	31	6	AX392224	AX392224	Sequence
c 193	10	50.0	31	6	AX590315	AX590315	Sequence
194	10	50.0	31	6	AX818096	AX818096	Sequence
c 195	10	50.0	32	6	CQ867972	CQ867972	Sequence
c 196	10	50.0	32	6	AX513686	AX513686	Sequence
c 197	10	50.0	33	6	A63353	A63353	Sequence 8
c 198	10	50.0	35	6	A64752	A64752	Sequence 12
c 199	10	50.0	35	6	AR161649	AR161649	Sequence
c 200	10	50.0	35	6	BD243702	BD243702	Transgeni
201	10	50.0	35	6	AX546169	AX546169	Sequence
c 202	10	50.0	36	6	AX407217	AX407217	Sequence
203	10	50.0	36	6	AX530467	AX530467	Sequence
204	10	50.0	38	6	AR263178	AR263178	Sequence
205	10	50.0	38	6	AX002247	AX002247	Sequence
206	10	50.0	39	6	AX720269	AX720269	Sequence
c 207	10	50.0	40	6	AR169527	AR169527	Sequence
c 208	10	50.0	40	6	BD273117	BD273117	Oral immu
209	10	50.0	40	6	BD273120	BD273120	Oral immu
210	10	50.0	40	6	BD273129	BD273129	Oral immu
211	10	50.0	42	6	BD191583	BD191583	Single-ch
212	10	50.0	42	6	AR262533	AR262533	Sequence
213	10	50.0	42	6	AR542354	AR542354	Sequence
214	10	50.0	42	6	AR542484	AR542484	Sequence
c 215	10	50.0	46	6	AR263177	AR263177	Sequence
c 216	10	50.0	46	6	AX002246	AX002246	Sequence
c 217	10	50.0	46	8	S57743	S57743	5S rRNA [As
218	10	50.0	47	6	AR284759	AR284759	Sequence
219	10	50.0	47	6	AR290662	AR290662	Sequence
220	10	50.0	47	9	HSKLYI12A	X68747	H.sapiens K
221	10	50.0	50	6	BD222606	BD222606	Modified
c 222	10	50.0	50	6	BD222606	BD222606	Modified
223	10	50.0	50	6	BD235576	BD235576	Fluoresce
c 224	10	50.0	50	6	BD235576	BD235576	Fluoresce
225	10	50.0	50	9	HSKLXI12A	X68755	H.sapiens K
c 226	10	50.0	51	6	AX158215	AX158215	Sequence
c 227	10	50.0	51	6	AX158216	AX158216	Sequence
228	10	50.0	51	6	AX165421	AX165421	Sequence
c 229	10	50.0	52	9	HSADD2S28	AF000108	Homo sapi
c 230	10	50.0	54	9	AF305520	AF305520	Homo sapi
c 231	10	50.0	54	9	S77773	S77773	Homo sapien
232	10	50.0	55	6	A22474	A22474	Artificial
c 233	10	50.0	55	6	A22475	A22475	Artificial
234	10	50.0	55	6	E00618	E00618	DNA encodin
235	10	50.0	57	6	A26526	A26526	Synthetic D
236	10	50.0	57	6	A41262	A41262	Sequence 2
237	10	50.0	57	6	AR135540	AR135540	Sequence
c 238	10	50.0	58	6	A26525	A26525	Synthetic D

c 239	10	50.0	59	6	AX326617	AX326617 Sequence
c 240	10	50.0	59	10	MMZ95146	Z95146 M.musculus
c 241	10	50.0	60	6	CQ536483	CQ536483 Sequence
c 242	10	50.0	60	6	CQ538546	CQ538546 Sequence
243	10	50.0	60	6	CQ539421	CQ539421 Sequence
c 244	10	50.0	60	6	CQ541127	CQ541127 Sequence
245	10	50.0	60	6	CQ542873	CQ542873 Sequence
246	10	50.0	60	6	CQ544494	CQ544494 Sequence
c 247	10	50.0	60	6	CQ544678	CQ544678 Sequence
c 248	10	50.0	60	6	CQ549144	CQ549144 Sequence
249	10	50.0	60	6	CQ550437	CQ550437 Sequence
c 250	9	45.0	10	6	AX152309	AX152309 Sequence
251	9	45.0	14	6	A11885	A11885 Eco RI spec
252	9	45.0	14	6	A11916	A11916 nucleotide
253	9	45.0	15	6	A88172	A88172 Sequence 32
254	9	45.0	15	6	A90139	A90139 Sequence 32
255	9	45.0	15	6	AR033461	AR033461 Sequence
256	9	45.0	15	6	AR113283	AR113283 Sequence
257	9	45.0	15	6	BD207194	BD207194 Enzymatic
258	9	45.0	15	6	I28074	I28074 Sequence 24
259	9	45.0	15	6	I57690	I57690 Sequence 22
c 260	9	45.0	15	6	AR236153	AR236153 Sequence
c 261	9	45.0	15	6	AR284983	AR284983 Sequence
c 262	9	45.0	15	6	AR449032	AR449032 Sequence
c 263	9	45.0	15	6	AR482434	AR482434 Sequence
c 264	9	45.0	15	6	AX012560	AX012560 Sequence
c 265	9	45.0	15	6	AX375416	AX375416 Sequence
c 266	9	45.0	15	6	AX377249	AX377249 Sequence
c 267	9	45.0	15	6	BD006291	BD006291 Artificia
268	9	45.0	15	6	BD065685	BD065685 An antise
c 269	9	45.0	16	6	CQ776172	CQ776172 Sequence
c 270	9	45.0	17	6	A66991	A66991 Sequence 15
c 271	9	45.0	17	6	A66993	A66993 Sequence 16
272	9	45.0	17	6	AR039283	AR039283 Sequence
273	9	45.0	17	6	AR039285	AR039285 Sequence
274	9	45.0	17	6	AR057690	AR057690 Sequence
275	9	45.0	17	6	AR057780	AR057780 Sequence
276	9	45.0	17	6	AR115448	AR115448 Sequence
277	9	45.0	17	6	AR115538	AR115538 Sequence
c 278	9	45.0	17	6	BD199045	BD199045 Method an
c 279	9	45.0	17	6	BD199080	BD199080 Method an
280	9	45.0	17	6	BD255127	BD255127 Regulatio
281	9	45.0	17	6	BD255130	BD255130 Regulatio
282	9	45.0	17	6	BD256794	BD256794 Regulatio
283	9	45.0	17	6	BD256795	BD256795 Regulatio
284	9	45.0	17	6	BD256796	BD256796 Regulatio
285	9	45.0	17	6	BD259386	BD259386 Regulatio
286	9	45.0	17	6	BD259387	BD259387 Regulatio
c 287	9	45.0	17	6	AR286267	AR286267 Sequence
c 288	9	45.0	17	6	AR398257	AR398257 Sequence
c 289	9	45.0	17	6	AR488493	AR488493 Sequence
c 290	9	45.0	17	6	AR488495	AR488495 Sequence
291	9	45.0	17	6	AR493236	AR493236 Sequence
292	9	45.0	17	6	AX634733	AX634733 Sequence
293	9	45.0	17	6	AX634815	AX634815 Sequence
294	9	45.0	17	6	AX723100	AX723100 Sequence
c 295	9	45.0	17	6	AX723665	AX723665 Sequence
296	9	45.0	17	6	AX730145	AX730145 Sequence
297	9	45.0	17	6	AX736140	AX736140 Sequence
298	9	45.0	17	6	AX757678	AX757678 Sequence
299	9	45.0	17	6	AX759370	AX759370 Sequence
300	9	45.0	17	6	AX759380	AX759380 Sequence
301	9	45.0	17	6	AX762037	AX762037 Sequence
302	9	45.0	17	6	AX781908	AX781908 Sequence
303	9	45.0	17	6	AX781918	AX781918 Sequence
c 304	9	45.0	18	6	A11884	A11884 Eco RI spec
c 305	9	45.0	18	6	A11915	A11915 nucleotide
c 306	9	45.0	18	6	A66992	A66992 Sequence 15
307	9	45.0	18	6	A88180	A88180 Sequence 32
308	9	45.0	18	6	A90147	A90147 Sequence 32
309	9	45.0	18	6	AR073399	AR073399 Sequence
310	9	45.0	18	6	AR078593	AR078593 Sequence
311	9	45.0	18	6	AR096646	AR096646 Sequence
312	9	45.0	18	6	AR123977	AR123977 Sequence
313	9	45.0	18	6	BD169501	BD169501 A gene co
314	9	45.0	18	6	BD250723	BD250723 Identific
c 315	9	45.0	18	6	BD270710	BD270710 Selection
c 316	9	45.0	18	6	AR199543	AR199543 Sequence
c 317	9	45.0	18	6	AR212350	AR212350 Sequence
318	9	45.0	18	6	AR213176	AR213176 Sequence
319	9	45.0	18	6	AR215532	AR215532 Sequence
320	9	45.0	18	6	AR266208	AR266208 Sequence
321	9	45.0	18	6	AR266209	AR266209 Sequence
c 322	9	45.0	18	6	AR297708	AR297708 Sequence
c 323	9	45.0	18	6	AR374695	AR374695 Sequence
c 324	9	45.0	18	6	AR409330	AR409330 Sequence
325	9	45.0	18	6	AR442325	AR442325 Sequence
326	9	45.0	18	6	AR481862	AR481862 Sequence
327	9	45.0	18	6	AR487968	AR487968 Sequence
c 328	9	45.0	18	6	AR488494	AR488494 Sequence
c 329	9	45.0	18	6	AX010702	AX010702 Sequence
330	9	45.0	18	6	AX233412	AX233412 Sequence
c 331	9	45.0	18	6	AX239592	AX239592 Sequence
c 332	9	45.0	18	6	AX599562	AX599562 Sequence
c 333	9	45.0	18	6	AX705702	AX705702 Sequence
334	9	45.0	18	6	AX705704	AX705704 Sequence
c 335	9	45.0	18	6	AX767886	AX767886 Sequence
c 336	9	45.0	18	6	AX796522	AX796522 Sequence
c 337	9	45.0	18	6	AX823122	AX823122 Sequence
c 338	9	45.0	18	6	AX826762	AX826762 Sequence
339	9	45.0	18	6	AX837873	AX837873 Sequence
c 340	9	45.0	18	6	AX837949	AX837949 Sequence
c 341	9	45.0	18	6	BD056457	BD056457 Novel low
342	9	45.0	18	6	BD065693	BD065693 An antise
c 343	9	45.0	18	6	BD104119	BD104119 Kit and m
344	9	45.0	18	6	BD105848	BD105848 Novel ant
c 345	9	45.0	19	6	A66994	A66994 Sequence 16
346	9	45.0	19	6	AR017895	AR017895 Sequence
347	9	45.0	19	6	AR030024	AR030024 Sequence
348	9	45.0	19	6	AR037220	AR037220 Sequence
349	9	45.0	19	6	AR048689	AR048689 Sequence
350	9	45.0	19	6	BD226945	BD226945 Hepatitis
c 351	9	45.0	19	6	I21065	I21065 Sequence 36
c 352	9	45.0	19	6	I28009	I28009 Sequence 18
c 353	9	45.0	19	6	I28025	I28025 Sequence 19
c 354	9	45.0	19	6	AR235547	AR235547 Sequence
355	9	45.0	19	6	AR267190	AR267190 Sequence
c 356	9	45.0	19	6	AR292679	AR292679 Sequence
c 357	9	45.0	19	6	AR299563	AR299563 Sequence
358	9	45.0	19	6	AR442315	AR442315 Sequence
c 359	9	45.0	19	6	AR444881	AR444881 Sequence
c 360	9	45.0	19	6	AR488496	AR488496 Sequence
c 361	9	45.0	19	6	AX000506	AX000506 Sequence
362	9	45.0	19	6	AX005918	AX005918 Sequence
363	9	45.0	19	6	AX130758	AX130758 Sequence
c 364	9	45.0	19	6	AX600977	AX600977 Sequence
365	9	45.0	19	6	AX676177	AX676177 Sequence
c 366	9	45.0	19	6	AX815568	AX815568 Sequence
c 367	9	45.0	19	6	AX815570	AX815570 Sequence
c 368	9	45.0	19	6	BD073339	BD073339 Gene for
369	9	45.0	19	9	S78946	S78946 T-cell rece
370	9	45.0	20	6	A23062	A23062 oligonucleo
c 371	9	45.0	20	6	A67034	A67034 Sequence 20
c 372	9	45.0	20	6	A67035	A67035 Sequence 20
c 373	9	45.0	20	6	A67992	A67992 Sequence 2
374	9	45.0	20	6	A70773	A70773 Sequence 94
375	9	45.0	20	6	A79257	A79257 Sequence 94
c 376	9	45.0	20	6	A82554	A82554 Sequence 28
377	9	45.0	20	6	A84550	A84550 Sequence 5
c 378	9	45.0	20	6	A91610	A91610 Sequence 13
379	9	45.0	20	6	AR020539	AR020539 Sequence
c 380	9	45.0	20	6	AR023524	AR023524 Sequence
381	9	45.0	20	6	AR027902	AR027902 Sequence
382	9	45.0	20	6	AR027904	AR027904 Sequence
c 383	9	45.0	20	6	AR031543	AR031543 Sequence
384	9	45.0	20	6	AR040854	AR040854 Sequence

c 385	9	45.0	20	6	AR067424	AR067424 Sequence
386	9	45.0	20	6	AR068386	AR068386 Sequence
c 387	9	45.0	20	6	AR072542	AR072542 Sequence
c 388	9	45.0	20	6	AR076744	AR076744 Sequence
c 389	9	45.0	20	6	AR119252	AR119252 Sequence
390	9	45.0	20	6	AR119918	AR119918 Sequence
391	9	45.0	20	6	AR122500	AR122500 Sequence
392	9	45.0	20	6	AR124968	AR124968 Sequence
393	9	45.0	20	6	AR144748	AR144748 Sequence
394	9	45.0	20	6	AR163773	AR163773 Sequence
395	9	45.0	20	6	AR163774	AR163774 Sequence
c 396	9	45.0	20	6	AR164706	AR164706 Sequence
c 397	9	45.0	20	6	BD176342	BD176342 A method
c 398	9	45.0	20	6	BD176474	BD176474 A method
c 399	9	45.0	20	6	BD181773	BD181773 Newly ide
c 400	9	45.0	20	6	BD185060	BD185060 Nucleic a
401	9	45.0	20	6	BD196108	BD196108 Antisense
c 402	9	45.0	20	6	BD222817	BD222817 KVLQT1-QT
c 403	9	45.0	20	6	BD230530	BD230530 Total gen
c 404	9	45.0	20	6	BD230614	BD230614 Total gen
405	9	45.0	20	6	BD243058	BD243058 Antisense
406	9	45.0	20	6	BD274389	BD274389 Human van
c 407	9	45.0	20	6	CQ753324	CQ753324 Sequence
408	9	45.0	20	6	CQ758883	CQ758883 Sequence
c 409	9	45.0	20	6	CQ768432	CQ768432 Sequence
c 410	9	45.0	20	6	CQ771459	CQ771459 Sequence
c 411	9	45.0	20	6	CQ784385	CQ784385 Sequence
c 412	9	45.0	20	6	CQ806495	CQ806495 Sequence
c 413	9	45.0	20	6	CQ821625	CQ821625 Sequence
c 414	9	45.0	20	6	CQ827150	CQ827150 Sequence
c 415	9	45.0	20	6	CQ828146	CQ828146 Sequence
c 416	9	45.0	20	6	CQ840121	CQ840121 Sequence
c 417	9	45.0	20	6	CQ840259	CQ840259 Sequence
c 418	9	45.0	20	6	CQ878478	CQ878478 Sequence
c 419	9	45.0	20	6	CQ879837	CQ879837 Sequence
c 420	9	45.0	20	6	E13556	E13556 PCR primer
c 421	9	45.0	20	6	E36864	E36864 Human telom
c 422	9	45.0	20	6	HPVTYP6	A24289 HPV type 6
c 423	9	45.0	20	6	I21034	I21034 Sequence 5
c 424	9	45.0	20	6	I28010	I28010 Sequence 18
c 425	9	45.0	20	6	I28026	I28026 Sequence 19
426	9	45.0	20	6	I83484	I83484 Sequence 20
c 427	9	45.0	20	6	AR182801	AR182801 Sequence
c 428	9	45.0	20	6	AR182966	AR182966 Sequence
c 429	9	45.0	20	6	AR218670	AR218670 Sequence
c 430	9	45.0	20	6	AR223085	AR223085 Sequence
c 431	9	45.0	20	6	AR229847	AR229847 Sequence
c 432	9	45.0	20	6	AR233329	AR233329 Sequence
c 433	9	45.0	20	6	AR243385	AR243385 Sequence
c 434	9	45.0	20	6	AR262103	AR262103 Sequence
435	9	45.0	20	6	AR300650	AR300650 Sequence
436	9	45.0	20	6	AR300651	AR300651 Sequence
437	9	45.0	20	6	AR300652	AR300652 Sequence
c 438	9	45.0	20	6	AR300881	AR300881 Sequence
c 439	9	45.0	20	6	AR305210	AR305210 Sequence
440	9	45.0	20	6	AR305282	AR305282 Sequence
c 441	9	45.0	20	6	AR309314	AR309314 Sequence
442	9	45.0	20	6	AR309386	AR309386 Sequence
c 443	9	45.0	20	6	AR311068	AR311068 Sequence
444	9	45.0	20	6	AR311187	AR311187 Sequence
445	9	45.0	20	6	AR312904	AR312904 Sequence
c 446	9	45.0	20	6	AR313773	AR313773 Sequence
447	9	45.0	20	6	AR315892	AR315892 Sequence
c 448	9	45.0	20	6	AR344541	AR344541 Sequence
c 449	9	45.0	20	6	AR371178	AR371178 Sequence
450	9	45.0	20	6	AR373816	AR373816 Sequence
451	9	45.0	20	6	AR382899	AR382899 Sequence
c 452	9	45.0	20	6	AR390541	AR390541 Sequence
c 453	9	45.0	20	6	AR393155	AR393155 Sequence
454	9	45.0	20	6	AR393586	AR393586 Sequence
c 455	9	45.0	20	6	AR442618	AR442618 Sequence
c 456	9	45.0	20	6	AR488536	AR488536 Sequence
c 457	9	45.0	20	6	AR488537	AR488537 Sequence
458	9	45.0	20	6	AX026879	AX026879 Sequence
c 459	9	45.0	20	6	AX059670	AX059670 Sequence
460	9	45.0	20	6	AX104198	AX104198 Sequence
461	9	45.0	20	6	AX118282	AX118282 Sequence
c 462	9	45.0	20	6	AX136433	AX136433 Sequence
c 463	9	45.0	20	6	AX181735	AX181735 Sequence
c 464	9	45.0	20	6	AX229671	AX229671 Sequence
465	9	45.0	20	6	AX235878	AX235878 Sequence
c 466	9	45.0	20	6	AX283516	AX283516 Sequence
467	9	45.0	20	6	AX292979	AX292979 Sequence
468	9	45.0	20	6	AX293281	AX293281 Sequence
469	9	45.0	20	6	AX293342	AX293342 Sequence
470	9	45.0	20	6	AX293516	AX293516 Sequence
c 471	9	45.0	20	6	AX293615	AX293615 Sequence
472	9	45.0	20	6	AX294720	AX294720 Sequence
473	9	45.0	20	6	AX295094	AX295094 Sequence
474	9	45.0	20	6	AX295177	AX295177 Sequence
475	9	45.0	20	6	AX296124	AX296124 Sequence
476	9	45.0	20	6	AX296972	AX296972 Sequence
477	9	45.0	20	6	AX297035	AX297035 Sequence
c 478	9	45.0	20	6	AX297198	AX297198 Sequence
479	9	45.0	20	6	AX297473	AX297473 Sequence
480	9	45.0	20	6	AX355204	AX355204 Sequence
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482	9	45.0	20	6	AX418813	AX418813 Sequence
483	9	45.0	20	6	AX474015	AX474015 Sequence
c 484	9	45.0	20	6	AX496859	AX496859 Sequence
485	9	45.0	20	6	AX547251	AX547251 Sequence
486	9	45.0	20	6	AX554337	AX554337 Sequence
c 487	9	45.0	20	6	AX800530	AX800530 Sequence
c 488	9	45.0	20	6	AX800656	AX800656 Sequence
489	9	45.0	20	6	AX801653	AX801653 Sequence
c 490	9	45.0	20	6	AX806460	AX806460 Sequence
c 491	9	45.0	20	6	AX810446	AX810446 Sequence
c 492	9	45.0	20	6	AX839722	AX839722 Sequence
c 493	9	45.0	20	6	AX955912	AX955912 Sequence
c 494	9	45.0	20	6	AX958956	AX958956 Sequence
c 495	9	45.0	20	6	AX962263	AX962263 Sequence
c 496	9	45.0	20	6	AX962816	AX962816 Sequence
497	9	45.0	20	6	AX962880	AX962880 Sequence
498	9	45.0	20	6	BD003487	BD003487 A gene re
c 499	9	45.0	20	6	BD011115	BD011115 Human tel
c 500	9	45.0	20	6	BD016059	BD016059 Oligonucl
c 501	9	45.0	20	6	BD016178	BD016178 Oligonucl
c 502	9	45.0	20	6	BD017330	BD017330 Oligonucl
c 503	9	45.0	20	6	BD023392	BD023392 Method fo
504	9	45.0	20	6	BD058119	BD058119 System fo
c 505	9	45.0	20	6	BD077138	BD077138 Method an
c 506	9	45.0	20	6	BD089366	BD089366 A method
c 507	9	45.0	20	6	BD090264	BD090264 A method
c 508	9	45.0	20	6	BD090396	BD090396 A method
c 509	9	45.0	20	6	BD094723	BD094723 Plant pho
c 510	9	45.0	20	6	BD106121	BD106121 Novel LDL
511	9	45.0	20	6	BD106193	BD106193 Novel LDL
c 512	9	45.0	20	6	BD123673	BD123673 Secretory
c 513	9	45.0	21	6	A16417	A16417 oligonucleo
c 514	9	45.0	21	6	A67036	A67036 Sequence 20
c 515	9	45.0	21	6	A67037	A67037 Sequence 20
516	9	45.0	21	6	A87300	A87300 Sequence 25
517	9	45.0	21	6	AR012151	AR012151 Sequence
518	9	45.0	21	6	AR012186	AR012186 Sequence
c 519	9	45.0	21	6	AR072472	AR072472 Sequence
c 520	9	45.0	21	6	AR118629	AR118629 Sequence
521	9	45.0	21	6	AR129519	AR129519 Sequence
522	9	45.0	21	6	AR139564	AR139564 Sequence
523	9	45.0	21	6	AR146554	AR146554 Sequence
c 524	9	45.0	21	6	AR173388	AR173388 Sequence
c 525	9	45.0	21	6	BD144122	BD144122 Cell cycl
526	9	45.0	21	6	BD181164	BD181164 Human DNA
527	9	45.0	21	6	BD223653	BD223653 Mutations
c 528	9	45.0	21	6	BD230552	BD230552 Total gen
529	9	45.0	21	6	CQ878438	CQ878438 Sequence
c 530	9	45.0	21	6	CQ878439	CQ878439 Sequence

	531	9	45.0	21	6	E10948	E10948 Synthetic o
	532	9	45.0	21	6	I21058	I21058 Sequence 29
c	533	9	45.0	21	6	I23779	I23779 Sequence 3
	534	9	45.0	21	6	AR217731	AR217731 Sequence
	535	9	45.0	21	6	AR382089	AR382089 Sequence
c	536	9	45.0	21	6	AR488538	AR488538 Sequence
c	537	9	45.0	21	6	AR488539	AR488539 Sequence
c	538	9	45.0	21	6	AR530173	AR530173 Sequence
	539	9	45.0	21	6	AR530410	AR530410 Sequence
c	540	9	45.0	21	6	AR530855	AR530855 Sequence
c	541	9	45.0	21	6	AX096198	AX096198 Sequence
	542	9	45.0	21	6	AX096435	AX096435 Sequence
c	543	9	45.0	21	6	AX096880	AX096880 Sequence
c	544	9	45.0	21	6	AX306582	AX306582 Sequence
c	545	9	45.0	21	6	AX306584	AX306584 Sequence
c	546	9	45.0	21	6	AX522133	AX522133 Sequence
c	547	9	45.0	21	6	AX538706	AX538706 Sequence
	548	9	45.0	21	6	AX601217	AX601217 Sequence
c	549	9	45.0	21	6	AX794326	AX794326 Sequence
c	550	9	45.0	21	6	AX800095	AX800095 Sequence
c	551	9	45.0	21	6	AX926407	AX926407 Sequence
	552	9	45.0	21	6	BD057378	BD057378 Protein c
	553	9	45.0	21	6	BD091831	BD091831 Novel cyt
	554	9	45.0	21	6	BD091835	BD091835 Novel cyt
	555	9	45.0	21	6	BD097663	BD097663 Method fo
c	556	9	45.0	22	6	A67056	A67056 Sequence 22
c	557	9	45.0	22	6	A67057	A67057 Sequence 22
c	558	9	45.0	22	6	AR020536	AR020536 Sequence
c	559	9	45.0	22	6	AR024160	AR024160 Sequence
	560	9	45.0	22	6	BD177369	BD177369 A method
c	561	9	45.0	22	6	BD178408	BD178408 Novel clo
	562	9	45.0	22	6	BD185050	BD185050 Nucleic a
	563	9	45.0	22	6	BD275594	BD275594 Novel Hum
	564	9	45.0	22	6	CQ760619	CQ760619 Sequence
	565	9	45.0	22	6	CQ760685	CQ760685 Sequence
	566	9	45.0	22	6	CQ798313	CQ798313 Sequence
c	567	9	45.0	22	6	CQ859041	CQ859041 Sequence
	568	9	45.0	22	6	E44107	E44107 Primer for
c	569	9	45.0	22	6	AR224378	AR224378 Sequence
c	570	9	45.0	22	6	AR488558	AR488558 Sequence
c	571	9	45.0	22	6	AR488559	AR488559 Sequence
	572	9	45.0	22	6	AX338671	AX338671 Sequence
c	573	9	45.0	22	6	AX711123	AX711123 Sequence
	574	9	45.0	22	6	AX773991	AX773991 Sequence
c	575	9	45.0	22	6	BD001264	BD001264 Method an
c	576	9	45.0	22	6	BD001693	BD001693 Method an
	577	9	45.0	22	6	BD085488	BD085488 Method fo
c	578	9	45.0	22	12	SCO515726	AJ515726 Artificia
	579	9	45.0	23	6	A09879	A09879 Probe. 1/19
c	580	9	45.0	23	6	A09921	A09921 Probe. 1/19
c	581	9	45.0	23	6	A67058	A67058 Sequence 22
c	582	9	45.0	23	6	AR105024	AR105024 Sequence
	583	9	45.0	23	6	AR164906	AR164906 Sequence
	584	9	45.0	23	6	BD196888	BD196888 Prostatic
	585	9	45.0	23	6	BD249878	BD249878 Test kit
	586	9	45.0	23	6	CQ799470	CQ799470 Sequence
c	587	9	45.0	23	6	AR488560	AR488560 Sequence
	588	9	45.0	23	6	AR490707	AR490707 Sequence
	589	9	45.0	23	6	AR532480	AR532480 Sequence
	590	9	45.0	23	6	AX020547	AX020547 Sequence
	591	9	45.0	23	6	AX033513	AX033513 Sequence
	592	9	45.0	23	6	AX127312	AX127312 Sequence
	593	9	45.0	23	6	AX354477	AX354477 Sequence
c	594	9	45.0	23	6	AX452258	AX452258 Sequence
	595	9	45.0	23	6	AX488136	AX488136 Sequence
	596	9	45.0	23	6	AX601155	AX601155 Sequence
	597	9	45.0	23	6	AX937055	AX937055 Sequence
	598	9	45.0	23	6	AX951913	AX951913 Sequence
	599	9	45.0	23	6	AX956297	AX956297 Sequence
c	600	9	45.0	24	6	A67059	A67059 Sequence 22
	601	9	45.0	24	6	AR008348	AR008348 Sequence
c	602	9	45.0	24	6	AR034116	AR034116 Sequence
	603	9	45.0	24	6	AR084330	AR084330 Sequence
	604	9	45.0	24	6	AR098248	AR098248 Sequence
c	605	9	45.0	24	6	BD183611	BD183611 Method fo
	606	9	45.0	24	6	BD204840	BD204840 Compositi
	607	9	45.0	24	6	BD211062	BD211062 Quantitat
c	608	9	45.0	24	6	CQ816690	CQ816690 Sequence
c	609	9	45.0	24	6	CQ816691	CQ816691 Sequence
	610	9	45.0	24	6	CQ819673	CQ819673 Sequence
c	611	9	45.0	24	6	E38392	E38392 Transcripti
c	612	9	45.0	24	6	I19722	I19722 Sequence 3
	613	9	45.0	24	6	I64694	I64694 Sequence 4
	614	9	45.0	24	6	AR201772	AR201772 Sequence
	615	9	45.0	24	6	AR268985	AR268985 Sequence
c	616	9	45.0	24	6	AR300638	AR300638 Sequence
c	617	9	45.0	24	6	AR488561	AR488561 Sequence
	618	9	45.0	24	6	AX031342	AX031342 Sequence
	619	9	45.0	24	6	AX099239	AX099239 Sequence
	620	9	45.0	24	6	AX288296	AX288296 Sequence
	621	9	45.0	24	6	AX288346	AX288346 Sequence
	622	9	45.0	24	6	AX288648	AX288648 Sequence
	623	9	45.0	24	6	AX288659	AX288659 Sequence
	624	9	45.0	24	6	AX288709	AX288709 Sequence
	625	9	45.0	24	6	AX288883	AX288883 Sequence
c	626	9	45.0	24	6	AX288982	AX288982 Sequence
	627	9	45.0	24	6	AX289176	AX289176 Sequence
	628	9	45.0	24	6	AX289457	AX289457 Sequence
	629	9	45.0	24	6	AX290087	AX290087 Sequence
	630	9	45.0	24	6	AX290461	AX290461 Sequence
	631	9	45.0	24	6	AX290697	AX290697 Sequence
	632	9	45.0	24	6	AX291491	AX291491 Sequence
	633	9	45.0	24	6	AX292317	AX292317 Sequence
	634	9	45.0	24	6	AX292339	AX292339 Sequence
	635	9	45.0	24	6	AX292402	AX292402 Sequence
	636	9	45.0	24	6	AX292457	AX292457 Sequence
c	637	9	45.0	24	6	AX292565	AX292565 Sequence
	638	9	45.0	24	6	AX292588	AX292588 Sequence
	639	9	45.0	24	6	AX292840	AX292840 Sequence
c	640	9	45.0	24	6	AX395337	AX395337 Sequence
c	641	9	45.0	24	6	AX446880	AX446880 Sequence
	642	9	45.0	24	6	AX447154	AX447154 Sequence
c	643	9	45.0	24	6	AX720534	AX720534 Sequence
c	644	9	45.0	24	6	AX754517	AX754517 Sequence
	645	9	45.0	24	6	BD056393	BD056393 Novel com
	646	9	45.0	24	6	BD101981	BD101981 Novel G p
	647	9	45.0	24	6	BD131272	BD131272 Novel G p
	648	9	45.0	25	6	A87298	A87298 Sequence 23
	649	9	45.0	25	6	AR116244	AR116244 Sequence
	650	9	45.0	25	6	BD134943	BD134943 Productio
c	651	9	45.0	25	6	BD173647	BD173647 Novel phy
c	652	9	45.0	25	6	BD245311	BD245311 Developme
c	653	9	45.0	25	6	BD245680	BD245680 Developme
c	654	9	45.0	25	6	BD245707	BD245707 Developme
c	655	9	45.0	25	6	CQ790319	CQ790319 Sequence
c	656	9	45.0	25	6	CQ862661	CQ862661 Sequence
	657	9	45.0	25	6	CQ862908	CQ862908 Sequence
	658	9	45.0	25	6	CQ862909	CQ862909 Sequence
c	659	9	45.0	25	6	E13448	E13448 PCR primer
	660	9	45.0	25	6	AX016732	AX016732 Sequence
	661	9	45.0	25	6	AX043425	AX043425 Sequence
	662	9	45.0	25	6	AX197368	AX197368 Sequence
c	663	9	45.0	25	6	AX458686	AX458686 Sequence
c	664	9	45.0	25	6	AX458687	AX458687 Sequence
	665	9	45.0	25	6	AX535408	AX535408 Sequence
	666	9	45.0	25	6	AX609996	AX609996 Sequence
	667	9	45.0	25	6	AX703315	AX703315 Sequence
	668	9	45.0	25	6	AX782651	AX782651 Sequence
	669	9	45.0	25	6	AX782669	AX782669 Sequence
	670	9	45.0	25	6	BD057376	BD057376 Protein c
c	671	9	45.0	26	6	AR003421	AR003421 Sequence
c	672	9	45.0	26	6	AR084802	AR084802 Sequence
	673	9	45.0	26	6	AR088755	AR088755 Sequence
c	674	9	45.0	26	6	BD184265	BD184265 Method an
c	675	9	45.0	26	6	BD211740	BD211740 Drug as c
c	676	9	45.0	26	6	I21210	I21210 Sequence 56

c 677	9	45.0	26	6	I74477	I74477 Sequence 56
c 678	9	45.0	26	6	AR383249	AR383249 Sequence
679	9	45.0	26	6	AR474197	AR474197 Sequence
680	9	45.0	26	6	AX055890	AX055890 Sequence
c 681	9	45.0	26	6	AX742412	AX742412 Sequence
c 682	9	45.0	26	6	BD056973	BD056973 Human ext
c 683	9	45.0	27	6	A33830	A33830 Synthetic p
684	9	45.0	27	6	A81445	A81445 Sequence 8
685	9	45.0	27	6	A81614	A81614 Sequence 8
686	9	45.0	27	6	A86668	A86668 Sequence 14
687	9	45.0	27	6	AR017903	AR017903 Sequence
c 688	9	45.0	27	6	AR039286	AR039286 Sequence
c 689	9	45.0	27	6	AR071748	AR071748 Sequence
c 690	9	45.0	27	6	BD226097	BD226097 Therapeut
c 691	9	45.0	27	6	BD226099	BD226099 Therapeut
c 692	9	45.0	27	6	BD226107	BD226107 Therapeut
693	9	45.0	27	6	BD243112	BD243112 Hypersens
c 694	9	45.0	27	6	E33248	E33248 HTLV-1 reco
c 695	9	45.0	27	6	E33642	E33642 Protein bin
c 696	9	45.0	27	6	I27514	I27514 Sequence 28
c 697	9	45.0	27	6	I40627	I40627 Sequence 4
c 698	9	45.0	27	6	AR190983	AR190983 Sequence
699	9	45.0	27	6	AR191443	AR191443 Sequence
c 700	9	45.0	27	6	AR274418	AR274418 Sequence
701	9	45.0	27	6	AR345073	AR345073 Sequence
702	9	45.0	27	6	AX044086	AX044086 Sequence
703	9	45.0	27	6	AX044139	AX044139 Sequence
704	9	45.0	27	6	AX044179	AX044179 Sequence
c 705	9	45.0	27	6	AX090070	AX090070 Sequence
706	9	45.0	27	6	AX099240	AX099240 Sequence
c 707	9	45.0	27	6	AX278547	AX278547 Sequence
c 708	9	45.0	27	6	AX365564	AX365564 Sequence
709	9	45.0	27	6	AX365565	AX365565 Sequence
710	9	45.0	27	6	AX574344	AX574344 Sequence
711	9	45.0	27	6	BD005344	BD005344 Enhanced
712	9	45.0	27	6	BD070581	BD070581 DNA encod
713	9	45.0	27	6	BD106634	BD106634 Hypersens
714	9	45.0	28	6	BD170291	BD170291 Novel pol
715	9	45.0	28	6	AX234621	AX234621 Sequence
c 716	9	45.0	28	6	AX364690	AX364690 Sequence
c 717	9	45.0	29	6	A62018	A62018 Sequence 4
c 718	9	45.0	29	6	A62021	A62021 Sequence 7
c 719	9	45.0	29	6	AR090080	AR090080 Sequence
720	9	45.0	29	6	AR146654	AR146654 Sequence
721	9	45.0	29	6	BD132677	BD132677 Secreted
722	9	45.0	29	6	BD198164	BD198164 Method an
c 723	9	45.0	29	6	BD253434	BD253434 Regulatio
c 724	9	45.0	29	6	BD258851	BD258851 Regulatio
c 725	9	45.0	29	6	I65245	I65245 Sequence 13
c 726	9	45.0	29	6	AR197115	AR197115 Sequence
c 727	9	45.0	29	6	AR221982	AR221982 Sequence
c 728	9	45.0	29	6	AR259269	AR259269 Sequence
c 729	9	45.0	29	6	AX128326	AX128326 Sequence
730	9	45.0	29	6	AX180732	AX180732 Sequence
c 731	9	45.0	29	6	AX180734	AX180734 Sequence
c 732	9	45.0	29	6	AX180857	AX180857 Sequence
c 733	9	45.0	29	6	AX528897	AX528897 Sequence
c 734	9	45.0	29	6	AX663727	AX663727 Sequence
735	9	45.0	30	6	A45598	A45598 Sequence 3
c 736	9	45.0	30	6	AR173985	AR173985 Sequence
c 737	9	45.0	30	6	BD133821	BD133821 Chemical
c 738	9	45.0	30	6	BD142201	BD142201 Chemical
739	9	45.0	30	6	BD143348	BD143348 Oligonucl
c 740	9	45.0	30	6	BD251340	BD251340 Polynucle
741	9	45.0	30	6	BD261164	BD261164 Mutated p
c 742	9	45.0	30	6	CQ816708	CQ816708 Sequence
c 743	9	45.0	30	6	CQ816710	CQ816710 Sequence
c 744	9	45.0	30	6	CQ854215	CQ854215 Sequence
c 745	9	45.0	30	6	E32009	E32009 Process for
c 746	9	45.0	30	6	E50446	E50446 Odoriferous
747	9	45.0	30	6	I06112	I06112 Sequence 2
748	9	45.0	30	6	I08761	I08761 Sequence 2
c 749	9	45.0	30	6	I25396	I25396 Sequence 9
750	9	45.0	30	6	AR362934	AR362934 Sequence
751	9	45.0	30	6	AR363635	AR363635 Sequence
752	9	45.0	30	6	AR363751	AR363751 Sequence
c 753	9	45.0	30	6	AR473915	AR473915 Sequence
754	9	45.0	30	6	AX012958	AX012958 Sequence
755	9	45.0	30	6	AX188739	AX188739 Sequence
c 756	9	45.0	30	6	AX793346	AX793346 Sequence
c 757	9	45.0	30	6	BD103500	BD103500 New recom
c 758	9	45.0	30	10	MMA33	X63490 M.musculus
759	9	45.0	31	6	A45758	A45758 Sequence 15
c 760	9	45.0	31	6	BD187381	BD187381 Inhibitio
761	9	45.0	31	6	AR365418	AR365418 Sequence
762	9	45.0	31	6	AX005877	AX005877 Sequence
c 763	9	45.0	31	6	AX248349	AX248349 Sequence
764	9	45.0	31	6	AX249035	AX249035 Sequence
c 765	9	45.0	31	6	AX405358	AX405358 Sequence
c 766	9	45.0	31	6	AX405365	AX405365 Sequence
c 767	9	45.0	31	6	AX582202	AX582202 Sequence
768	9	45.0	31	6	BD074547	BD074547 Genetic r
c 769	9	45.0	32	6	CQ753979	CQ753979 Sequence
c 770	9	45.0	32	6	E15561	E15561 PCR primer
c 771	9	45.0	32	6	AX513687	AX513687 Sequence
c 772	9	45.0	32	6	AX713105	AX713105 Sequence
773	9	45.0	33	6	A18950	A18950 Oligonucleo
774	9	45.0	33	6	A29227	A29227 Linking gro
c 775	9	45.0	33	6	BD206072	BD206072 Recombina
776	9	45.0	33	6	AX092959	AX092959 Sequence
777	9	45.0	33	6	AX167329	AX167329 Sequence
778	9	45.0	33	6	AX280439	AX280439 Sequence
c 779	9	45.0	33	6	AX317378	AX317378 Sequence
780	9	45.0	33	6	AX317379	AX317379 Sequence
c 781	9	45.0	33	6	AX709036	AX709036 Sequence
782	9	45.0	33	6	AX961191	AX961191 Sequence
783	9	45.0	33	6	BD107543	BD107543 Nucleic a
c 784	9	45.0	35	6	A09912	A09912 Probe. 1/19
c 785	9	45.0	35	6	A09922	A09922 Probe. 1/19
c 786	9	45.0	35	6	AR003410	AR003410 Sequence
c 787	9	45.0	35	6	AR003416	AR003416 Sequence
788	9	45.0	35	6	CQ771473	CQ771473 Sequence
c 789	9	45.0	35	6	I21199	I21199 Sequence 45
c 790	9	45.0	35	6	I21205	I21205 Sequence 51
c 791	9	45.0	35	6	I74466	I74466 Sequence 45
c 792	9	45.0	35	6	I74472	I74472 Sequence 51
793	9	45.0	35	6	AX405113	AX405113 Sequence
794	9	45.0	35	11	C75895	C75895 Homo sapien
c 795	9	45.0	36	6	AR001168	AR001168 Sequence
c 796	9	45.0	36	6	AR003046	AR003046 Sequence
797	9	45.0	36	6	AR094577	AR094577 Sequence
c 798	9	45.0	36	6	AR119421	AR119421 Sequence
799	9	45.0	36	6	AR120210	AR120210 Sequence
800	9	45.0	36	6	BD226199	BD226199 Improved
c 801	9	45.0	36	6	CQ821228	CQ821228 Sequence
802	9	45.0	36	6	CQ869359	CQ869359 Sequence
803	9	45.0	36	6	AR436482	AR436482 Sequence
c 804	9	45.0	36	6	AX960891	AX960891 Sequence
805	9	45.0	36	9	HSU30451	U30451 Human isola
c 806	9	45.0	36	10	MMIG36M	X82722 M.musculus
807	9	45.0	37	6	A19070	A19070 oligonucleo
808	9	45.0	37	6	AR059405	AR059405 Sequence
809	9	45.0	37	6	AR178486	AR178486 Sequence
810	9	45.0	37	6	AX012291	AX012291 Sequence
c 811	9	45.0	37	6	AX180731	AX180731 Sequence
c 812	9	45.0	37	6	AX461668	AX461668 Sequence
813	9	45.0	37	6	AX581621	AX581621 Sequence
814	9	45.0	37	6	AX934108	AX934108 Sequence
c 815	9	45.0	38	1	AFU430245	AJ430245 Archaeogl
c 816	9	45.0	38	6	AR009933	AR009933 Sequence
c 817	9	45.0	38	6	AR009934	AR009934 Sequence
c 818	9	45.0	38	6	AR066502	AR066502 Sequence
819	9	45.0	38	6	I15745	I15745 Sequence 11
c 820	9	45.0	38	6	I60026	I60026 Sequence 9
c 821	9	45.0	38	6	I76258	I76258 Sequence 86
c 822	9	45.0	38	6	I76259	I76259 Sequence 87

c 823	9	45.0	38	6	AR221260	AR221260 Sequence
c 824	9	45.0	38	6	AR230687	AR230687 Sequence
c 825	9	45.0	38	6	AR234161	AR234161 Sequence
c 826	9	45.0	38	6	AR237771	AR237771 Sequence
c 827	9	45.0	38	6	AR332953	AR332953 Sequence
828	9	45.0	38	6	AR333386	AR333386 Sequence
c 829	9	45.0	38	6	AR353281	AR353281 Sequence
c 830	9	45.0	38	6	AX370555	AX370555 Sequence
831	9	45.0	38	6	AX591011	AX591011 Sequence
832	9	45.0	38	6	AX591164	AX591164 Sequence
833	9	45.0	38	6	AX717587	AX717587 Sequence
c 834	9	45.0	38	6	BD078855	BD078855 Recombine
c 835	9	45.0	38	6	BD085682	BD085682 Recombina
c 836	9	45.0	39	6	A08043	A08043 Oligonucleo
837	9	45.0	39	6	A24246	A24246 Oligonucleo
838	9	45.0	39	6	A33829	A33829 Synthetic p
c 839	9	45.0	39	6	AR001170	AR001170 Sequence
c 840	9	45.0	39	6	AR003048	AR003048 Sequence
841	9	45.0	39	6	AR117907	AR117907 Sequence
842	9	45.0	39	6	E36953	E36953 Human telom
843	9	45.0	39	6	I27513	I27513 Sequence 27
844	9	45.0	39	6	I44720	I44720 Sequence 57
845	9	45.0	39	6	I52126	I52126 Sequence 57
c 846	9	45.0	39	6	I71944	I71944 Sequence 10
847	9	45.0	39	6	AR243474	AR243474 Sequence
848	9	45.0	39	6	AR390630	AR390630 Sequence
849	9	45.0	39	6	AR393244	AR393244 Sequence
850	9	45.0	39	6	AX190444	AX190444 Sequence
851	9	45.0	39	6	AX657270	AX657270 Sequence
852	9	45.0	39	6	AX810535	AX810535 Sequence
853	9	45.0	39	6	BD011204	BD011204 Human tel
854	9	45.0	39	6	BD106611	BD106611 Zinc fing
c 855	9	45.0	40	6	A83619	A83619 Sequence 48
c 856	9	45.0	40	6	AR135218	AR135218 Sequence
c 857	9	45.0	40	6	AR146714	AR146714 Sequence
c 858	9	45.0	40	6	AR152285	AR152285 Sequence
c 859	9	45.0	40	6	AR157823	AR157823 Sequence
860	9	45.0	40	6	BD273105	BD273105 Oral immu
c 861	9	45.0	40	6	BD273133	BD273133 Oral immu
c 862	9	45.0	40	6	CQ816726	CQ816726 Sequence
c 863	9	45.0	40	6	CQ816728	CQ816728 Sequence
c 864	9	45.0	40	6	I63455	I63455 Sequence 21
c 865	9	45.0	40	6	AR305211	AR305211 Sequence
866	9	45.0	40	6	AR305283	AR305283 Sequence
c 867	9	45.0	40	6	AR309315	AR309315 Sequence
868	9	45.0	40	6	AR309387	AR309387 Sequence
869	9	45.0	40	6	AX299464	AX299464 Sequence
870	9	45.0	40	6	AX538311	AX538311 Sequence
871	9	45.0	40	6	AX538364	AX538364 Sequence
c 872	9	45.0	40	6	AX538468	AX538468 Sequence
873	9	45.0	40	6	AX538469	AX538469 Sequence
c 874	9	45.0	40	6	AX699476	AX699476 Sequence
875	9	45.0	40	6	AX699477	AX699477 Sequence
c 876	9	45.0	40	6	AX720805	AX720805 Sequence
c 877	9	45.0	40	6	BD106122	BD106122 Novel LDL
878	9	45.0	40	6	BD106194	BD106194 Novel LDL
879	9	45.0	41	6	AR011603	AR011603 Sequence
880	9	45.0	41	6	AR058959	AR058959 Sequence
881	9	45.0	41	6	AR105233	AR105233 Sequence
882	9	45.0	41	6	AR119154	AR119154 Sequence
883	9	45.0	41	6	AR123525	AR123525 Sequence
884	9	45.0	41	6	AR138178	AR138178 Sequence
885	9	45.0	41	6	AR176739	AR176739 Sequence
886	9	45.0	41	6	BD274643	BD274643 NF-AT-med
887	9	45.0	41	6	AR198310	AR198310 Sequence
888	9	45.0	41	6	AX470003	AX470003 Sequence
c 889	9	45.0	41	6	AX514362	AX514362 Sequence
890	9	45.0	41	6	AX515147	AX515147 Sequence
891	9	45.0	41	6	AX517941	AX517941 Sequence
c 892	9	45.0	41	6	AX521397	AX521397 Sequence
893	9	45.0	41	8	NTA538711	AJ538711 Nicotiana
c 894	9	45.0	42	6	A08041	A08041 Oligonucleo
c 895	9	45.0	42	6	E36952	E36952 Human telom
c 896	9	45.0	42	6	AR243473	AR243473 Sequence
c 897	9	45.0	42	6	AR390629	AR390629 Sequence
c 898	9	45.0	42	6	AR393243	AR393243 Sequence
899	9	45.0	42	6	AX175119	AX175119 Sequence
c 900	9	45.0	42	6	AX301888	AX301888 Sequence
c 901	9	45.0	42	6	AX810534	AX810534 Sequence
c 902	9	45.0	42	6	BD011203	BD011203 Human tel
903	9	45.0	42	8	ATH526917	AJ526917 Arabidops
904	9	45.0	42	9	HSTCRCF3A	Z49957 H.sapiens m
c 905	9	45.0	43	6	BD249700	BD249700 Productio
906	9	45.0	43	6	I03373	I03373 Sequence 5
c 907	9	45.0	43	6	AR316660	AR316660 Sequence
c 908	9	45.0	43	6	AX134723	AX134723 Sequence
909	9	45.0	43	6	AX190442	AX190442 Sequence
c 910	9	45.0	43	6	AX301851	AX301851 Sequence
911	9	45.0	43	6	AX565639	AX565639 Sequence
912	9	45.0	43	6	AX657268	AX657268 Sequence
913	9	45.0	43	6	AX694944	AX694944 Sequence
914	9	45.0	43	9	HSU27251	U27251 Human isola
c 915	9	45.0	44	6	AR105003	AR105003 Sequence
c 916	9	45.0	44	6	AR108008	AR108008 Sequence
c 917	9	45.0	44	6	AR108009	AR108009 Sequence
918	9	45.0	44	6	AR365487	AR365487 Sequence
c 919	9	45.0	44	6	AX826942	AX826942 Sequence
c 920	9	45.0	45	6	A26563	A26563 T. aquaticu
921	9	45.0	45	6	A95463	A95463 Sequence 13
922	9	45.0	45	6	AR177526	AR177526 Sequence
c 923	9	45.0	45	6	E21692	E21692 Spermatogen
c 924	9	45.0	45	6	I66387	I66387 Sequence 20
c 925	9	45.0	45	6	AX054985	AX054985 Sequence
c 926	9	45.0	45	6	AX416909	AX416909 Sequence
c 927	9	45.0	45	6	AX612056	AX612056 Sequence
c 928	9	45.0	45	6	AX612057	AX612057 Sequence
929	9	45.0	45	9	HSA403933	AJ403933 Homo sapi
930	9	45.0	45	9	HSA403934	AJ403934 Homo sapi
931	9	45.0	45	9	HSA403935	AJ403935 Homo sapi
932	9	45.0	45	9	HSA403936	AJ403936 Homo sapi
c 933	9	45.0	45	10	MMNCAMPI	X14527 Mouse ncam
934	9	45.0	47	6	A51618	A51618 Sequence 28
c 935	9	45.0	47	6	BD196571	BD196571 Prostatic
c 936	9	45.0	47	6	BD196648	BD196648 Prostatic
c 937	9	45.0	47	6	AR284671	AR284671 Sequence
938	9	45.0	47	6	AR284697	AR284697 Sequence
c 939	9	45.0	47	6	AR288338	AR288338 Sequence
c 940	9	45.0	47	6	AR291220	AR291220 Sequence
c 941	9	45.0	47	6	AX297766	AX297766 Sequence
c 942	9	45.0	47	6	AX380970	AX380970 Sequence
c 943	9	45.0	48	6	AR365486	AR365486 Sequence
944	9	45.0	48	6	AX202561	AX202561 Sequence
945	9	45.0	48	6	AX582835	AX582835 Sequence
946	9	45.0	48	6	AX772405	AX772405 Sequence
947	9	45.0	48	6	AX772406	AX772406 Sequence
948	9	45.0	48	6	AX772407	AX772407 Sequence
949	9	45.0	48	6	AX777168	AX777168 Sequence
950	9	45.0	48	9	S66959	S66959 TCR alpha V
951	9	45.0	49	6	AR038994	AR038994 Sequence
952	9	45.0	49	6	AR038997	AR038997 Sequence
953	9	45.0	49	6	AR038998	AR038998 Sequence
954	9	45.0	49	6	AR107386	AR107386 Sequence
955	9	45.0	49	6	AR107389	AR107389 Sequence
956	9	45.0	49	6	AR107390	AR107390 Sequence
957	9	45.0	49	6	AR179348	AR179348 Sequence
958	9	45.0	49	6	AR179351	AR179351 Sequence
959	9	45.0	49	6	AR179352	AR179352 Sequence
960	9	45.0	49	6	BD191611	BD191611 Enzymatic
961	9	45.0	49	6	BD191614	BD191614 Enzymatic
962	9	45.0	49	6	BD191615	BD191615 Enzymatic
963	9	45.0	49	6	AR239999	AR239999 Sequence
964	9	45.0	49	6	AX202531	AX202531 Sequence
965	9	45.0	49	6	AX279801	AX279801 Sequence
966	9	45.0	50	6	AR032971	AR032971 Sequence
967	9	45.0	50	6	AR032985	AR032985 Sequence
968	9	45.0	50	6	AR032986	AR032986 Sequence

c 969	9	45.0	50	6	BD133823	BD133823 Chemical
c 970	9	45.0	50	6	BD142203	BD142203 Chemical
971	9	45.0	50	6	BD172341	BD172341 Secreted
972	9	45.0	50	6	BD172660	BD172660 Secreted
973	9	45.0	50	6	BD172979	BD172979 Secreted
974	9	45.0	50	6	BD173298	BD173298 Secreted
975	9	45.0	50	6	BD175332	BD175332 Secretory
c 976	9	45.0	50	6	CQ002796	CQ002796 Sequence
c 977	9	45.0	50	6	CQ003400	CQ003400 Sequence
978	9	45.0	50	6	CQ006441	CQ006441 Sequence
c 979	9	45.0	50	6	CQ006856	CQ006856 Sequence
980	9	45.0	50	6	CQ008335	CQ008335 Sequence
981	9	45.0	50	6	CQ008706	CQ008706 Sequence
c 982	9	45.0	50	6	CQ008953	CQ008953 Sequence
c 983	9	45.0	50	6	CQ009158	CQ009158 Sequence
c 984	9	45.0	50	6	CQ654182	CQ654182 Sequence
c 985	9	45.0	50	6	E50448	E50448 Odoriferous
986	9	45.0	50	6	I29711	I29711 Sequence 58
987	9	45.0	50	6	I29725	I29725 Sequence 59
988	9	45.0	50	6	I29726	I29726 Sequence 59
c 989	9	45.0	50	6	I45531	I45531 Sequence 4
990	9	45.0	50	6	I91385	I91385 Sequence 58
991	9	45.0	50	6	I91399	I91399 Sequence 59
992	9	45.0	50	6	I91400	I91400 Sequence 59
993	9	45.0	50	6	AR209635	AR209635 Sequence
994	9	45.0	50	6	AR209649	AR209649 Sequence
995	9	45.0	50	6	AR209650	AR209650 Sequence
996	9	45.0	50	6	AR410710	AR410710 Sequence
997	9	45.0	50	6	AR439074	AR439074 Sequence
998	9	45.0	50	6	AR473094	AR473094 Sequence
999	9	45.0	50	6	AR527080	AR527080 Sequence
1000	9	45.0	50	6	AR566113	AR566113 Sequence
1001	9	45.0	50	6	AX157888	AX157888 Sequence
c1002	9	45.0	50	6	AX165091	AX165091 Sequence
1003	9	45.0	50	6	AX233370	AX233370 Sequence
1004	9	45.0	50	6	AX697547	AX697547 Sequence
c1005	9	45.0	50	6	AX960833	AX960833 Sequence
1006	9	45.0	50	6	BD075481	BD075481 Secretory
1007	9	45.0	50	8	ATH520369	AJ520369 Arabidops
1008	9	45.0	51	6	AR060374	AR060374 Sequence
1009	9	45.0	51	6	AR096439	AR096439 Sequence
c1010	9	45.0	51	6	CQ001938	CQ001938 Sequence
c1011	9	45.0	51	6	CQ002058	CQ002058 Sequence
c1012	9	45.0	51	6	CQ002339	CQ002339 Sequence
c1013	9	45.0	51	6	CQ002795	CQ002795 Sequence
1014	9	45.0	51	6	CQ003102	CQ003102 Sequence
c1015	9	45.0	51	6	CQ003357	CQ003357 Sequence
1016	9	45.0	51	6	CQ003708	CQ003708 Sequence
c1017	9	45.0	51	6	CQ004005	CQ004005 Sequence
c1018	9	45.0	51	6	CQ004091	CQ004091 Sequence
c1019	9	45.0	51	6	CQ005599	CQ005599 Sequence
c1020	9	45.0	51	6	CQ007261	CQ007261 Sequence
c1021	9	45.0	51	6	CQ007911	CQ007911 Sequence
c1022	9	45.0	51	6	CQ882259	CQ882259 Sequence
c1023	9	45.0	51	6	I22455	I22455 Sequence 4
1024	9	45.0	51	6	AR356348	AR356348 Sequence
c1025	9	45.0	51	6	AR416413	AR416413 Sequence
c1026	9	45.0	51	6	AR443733	AR443733 Sequence
1027	9	45.0	51	6	AR444271	AR444271 Sequence
1028	9	45.0	51	6	AR444601	AR444601 Sequence
1029	9	45.0	51	6	AR537904	AR537904 Sequence
1030	9	45.0	51	6	AX157887	AX157887 Sequence
c1031	9	45.0	51	6	AX159001	AX159001 Sequence
c1032	9	45.0	51	6	AX159002	AX159002 Sequence
c1033	9	45.0	51	6	AX159003	AX159003 Sequence
c1034	9	45.0	51	6	AX159004	AX159004 Sequence
1035	9	45.0	51	6	AX162750	AX162750 Sequence
1036	9	45.0	51	6	AX162997	AX162997 Sequence
1037	9	45.0	51	6	AX162998	AX162998 Sequence
1038	9	45.0	51	6	AX165419	AX165419 Sequence
1039	9	45.0	51	6	AX165420	AX165420 Sequence
c1040	9	45.0	51	6	AX190035	AX190035 Sequence
c1041	9	45.0	51	6	AX204139	AX204139 Sequence
c1042	9	45.0	51	6	AX204140	AX204140 Sequence
c1043	9	45.0	51	6	AX204507	AX204507 Sequence
1044	9	45.0	51	6	AX612150	AX612150 Sequence
c1045	9	45.0	51	6	AX613183	AX613183 Sequence
c1046	9	45.0	51	6	AX613184	AX613184 Sequence
c1047	9	45.0	51	6	AX613185	AX613185 Sequence
c1048	9	45.0	51	6	AX613186	AX613186 Sequence
c1049	9	45.0	51	6	AX977107	AX977107 Sequence
c1050	9	45.0	51	6	BD111966	BD111966 EST and e
c1051	9	45.0	51	11	BV183656	BV183656 sqnm13990
c1052	9	45.0	51	11	BV183720	BV183720 sqnm14049
c1053	9	45.0	51	11	BV183776	BV183776 sqnm14107
1054	9	45.0	52	6	AR005223	AR005223 Sequence
1055	9	45.0	52	6	AR005224	AR005224 Sequence
1056	9	45.0	52	6	AR060373	AR060373 Sequence
1057	9	45.0	52	6	AR096438	AR096438 Sequence
1058	9	45.0	52	6	AR141926	AR141926 Sequence
1059	9	45.0	52	6	AR141927	AR141927 Sequence
1060	9	45.0	52	6	AR309887	AR309887 Sequence
1061	9	45.0	52	6	AR309888	AR309888 Sequence
c1062	9	45.0	52	6	AR365488	AR365488 Sequence
1063	9	45.0	52	6	AX614601	AX614601 Sequence
1064	9	45.0	52	6	AX899243	AX899243 Sequence
1065	9	45.0	52	6	BD034776	BD034776 Sequence
1066	9	45.0	52	9	S77627	S77627 (t(14;18))=
c1067	9	45.0	53	6	AR178721	AR178721 Sequence
c1068	9	45.0	53	6	BD251235	BD251235 Oligonucl
c1069	9	45.0	53	6	AR205426	AR205426 Sequence
c1070	9	45.0	53	6	AR220118	AR220118 Sequence
c1071	9	45.0	53	6	AR221507	AR221507 Sequence
c1072	9	45.0	53	6	AR254209	AR254209 Sequence
c1073	9	45.0	53	6	AR282415	AR282415 Sequence
c1074	9	45.0	53	6	AR368322	AR368322 Sequence
c1075	9	45.0	54	6	AR139994	AR139994 Sequence
c1076	9	45.0	54	6	AX107397	AX107397 Sequence
1077	9	45.0	54	6	AX107420	AX107420 Sequence
c1078	9	45.0	54	6	AX612627	AX612627 Sequence
c1079	9	45.0	54	6	AX612628	AX612628 Sequence
1080	9	45.0	54	6	AX960832	AX960832 Sequence
c1081	9	45.0	54	9	S77760	S77760 Homo sapien
1082	9	45.0	55	6	AX899523	AX899523 Sequence
1083	9	45.0	55	6	BD035056	BD035056 Sequence
c1084	9	45.0	56	6	A29518	A29518 oligo. 8/19
1085	9	45.0	56	6	AR447361	AR447361 Sequence
1086	9	45.0	56	6	AX769740	AX769740 Sequence
c1087	9	45.0	57	6	A18947	A18947 Oligonucleo
c1088	9	45.0	57	6	A29224	A29224 oligonucleo
1089	9	45.0	57	6	AR182963	AR182963 Sequence
1090	9	45.0	57	6	AX012282	AX012282 Sequence
1091	9	45.0	57	6	AX012283	AX012283 Sequence
1092	9	45.0	57	6	AX012284	AX012284 Sequence
1093	9	45.0	57	6	AX012285	AX012285 Sequence
1094	9	45.0	57	6	AX012286	AX012286 Sequence
1095	9	45.0	57	6	AX012287	AX012287 Sequence
1096	9	45.0	57	6	AX012288	AX012288 Sequence
1097	9	45.0	57	6	AX012289	AX012289 Sequence
1098	9	45.0	57	6	AX012290	AX012290 Sequence
1099	9	45.0	57	6	AX059667	AX059667 Sequence
c1100	9	45.0	57	6	AX107403	AX107403 Sequence
c1101	9	45.0	58	3	DROPEIS1	D12599 D.yakuba DN
c1102	9	45.0	58	6	AR055542	AR055542 Sequence
c1103	9	45.0	58	6	AR082726	AR082726 Sequence
c1104	9	45.0	58	6	AR084868	AR084868 Sequence
c1105	9	45.0	58	6	AR087676	AR087676 Sequence
c1106	9	45.0	58	6	AR094036	AR094036 Sequence
c1107	9	45.0	58	6	BD226105	BD226105 Therapeut
1108	9	45.0	58	8	AJ834761	AJ834761 Arabidops
1109	9	45.0	58	8	ATH524464	AJ524464 Arabidops
c1110	9	45.0	59	6	AX899229	AX899229 Sequence
c1111	9	45.0	59	6	BD034762	BD034762 Sequence
c1112	9	45.0	60	6	A34183	A34183 Synthetic h
1113	9	45.0	60	6	A34184	A34184 Synthetic h
c1114	9	45.0	60	6	AR009381	AR009381 Sequence

1115	9	45.0	60	6	BD236980	BD236980 DNA vacci
1116	9	45.0	60	6	CQ535477	CQ535477 Sequence
c1117	9	45.0	60	6	CQ535511	CQ535511 Sequence
1118	9	45.0	60	6	CQ535526	CQ535526 Sequence
1119	9	45.0	60	6	CQ535750	CQ535750 Sequence
c1120	9	45.0	60	6	CQ535832	CQ535832 Sequence
1121	9	45.0	60	6	CQ536392	CQ536392 Sequence
c1122	9	45.0	60	6	CQ536706	CQ536706 Sequence
1123	9	45.0	60	6	CQ536771	CQ536771 Sequence
c1124	9	45.0	60	6	CQ537009	CQ537009 Sequence
c1125	9	45.0	60	6	CQ537046	CQ537046 Sequence
c1126	9	45.0	60	6	CQ537098	CQ537098 Sequence
1127	9	45.0	60	6	CQ537363	CQ537363 Sequence
1128	9	45.0	60	6	CQ537523	CQ537523 Sequence
1129	9	45.0	60	6	CQ537564	CQ537564 Sequence
1130	9	45.0	60	6	CQ537654	CQ537654 Sequence
1131	9	45.0	60	6	CQ537982	CQ537982 Sequence
1132	9	45.0	60	6	CQ538520	CQ538520 Sequence
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1137	9	45.0	60	6	CQ538980	CQ538980 Sequence
c1138	9	45.0	60	6	CQ539542	CQ539542 Sequence
1139	9	45.0	60	6	CQ540422	CQ540422 Sequence
1140	9	45.0	60	6	CQ540470	CQ540470 Sequence
c1141	9	45.0	60	6	CQ540620	CQ540620 Sequence
1142	9	45.0	60	6	CQ540663	CQ540663 Sequence
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c1144	9	45.0	60	6	CQ541987	CQ541987 Sequence
c1145	9	45.0	60	6	CQ542107	CQ542107 Sequence
1146	9	45.0	60	6	CQ542659	CQ542659 Sequence
1147	9	45.0	60	6	CQ542925	CQ542925 Sequence
c1148	9	45.0	60	6	CQ543192	CQ543192 Sequence
c1149	9	45.0	60	6	CQ543621	CQ543621 Sequence
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1151	9	45.0	60	6	CQ544435	CQ544435 Sequence
c1152	9	45.0	60	6	CQ544605	CQ544605 Sequence
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c1155	9	45.0	60	6	CQ545506	CQ545506 Sequence
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c1157	9	45.0	60	6	CQ545871	CQ545871 Sequence
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c1165	9	45.0	60	6	CQ548693	CQ548693 Sequence
c1166	9	45.0	60	6	CQ548776	CQ548776 Sequence
c1167	9	45.0	60	6	CQ549272	CQ549272 Sequence
1168	9	45.0	60	6	CQ549284	CQ549284 Sequence
c1169	9	45.0	60	6	CQ550402	CQ550402 Sequence
1170	9	45.0	60	6	CQ550491	CQ550491 Sequence
c1171	9	45.0	60	6	CQ550785	CQ550785 Sequence
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1178	9	45.0	60	6	CQ552288	CQ552288 Sequence
1179	9	45.0	60	6	CQ552486	CQ552486 Sequence
1180	9	45.0	60	6	CQ552495	CQ552495 Sequence
c1181	9	45.0	60	6	CQ552535	CQ552535 Sequence
c1182	9	45.0	60	6	CQ552741	CQ552741 Sequence
c1183	9	45.0	60	6	CQ552780	CQ552780 Sequence
1184	9	45.0	60	6	CQ552909	CQ552909 Sequence
1185	9	45.0	60	6	CQ552991	CQ552991 Sequence
c1186	9	45.0	60	6	CQ553644	CQ553644 Sequence
c1187	9	45.0	60	6	CQ561866	CQ561866 Sequence
1188	9	45.0	60	6	CQ562364	CQ562364 Sequence
c1189	9	45.0	60	6	CQ771581	CQ771581 Sequence
c1190	9	45.0	60	6	CQ771629	CQ771629 Sequence
1191	9	45.0	60	6	AX683456	AX683456 Sequence
c1192	9	45.0	60	6	AX823516	AX823516 Sequence
c1193	8	40.0	9	6	E12004	E12004 Primer. 9/1
1194	8	40.0	9	6	E12005	E12005 Primer. 9/1
c1195	8	40.0	10	6	BD165995	BD165995 Selection
c1196	8	40.0	10	6	BD238806	BD238806 Preparati
1197	8	40.0	10	6	BD240420	BD240420 Preparati
c1198	8	40.0	10	6	BD251734	BD251734 Selection
c1199	8	40.0	10	6	E39758	E39758 Genes with
c1200	8	40.0	10	6	AR231589	AR231589 Sequence
c1201	8	40.0	10	6	AR351685	AR351685 Sequence
c1202	8	40.0	10	6	AR351686	AR351686 Sequence
c1203	8	40.0	10	6	AX667149	AX667149 Sequence
c1204	8	40.0	10	6	AX667150	AX667150 Sequence
1205	8	40.0	11	6	CQ828934	CQ828934 Sequence
c1206	8	40.0	11	6	CQ832704	CQ832704 Sequence
c1207	8	40.0	11	6	CQ832708	CQ832708 Sequence
1208	8	40.0	11	6	CQ836533	CQ836533 Sequence
c1209	8	40.0	11	6	CQ837011	CQ837011 Sequence
c1210	8	40.0	11	6	CQ837506	CQ837506 Sequence
c1211	8	40.0	11	6	AX394511	AX394511 Sequence
1212	8	40.0	11	6	AX394518	AX394518 Sequence
c1213	8	40.0	11	6	AX623509	AX623509 Sequence
c1214	8	40.0	11	6	AX626576	AX626576 Sequence
1215	8	40.0	11	6	AX627010	AX627010 Sequence
c1216	8	40.0	11	6	AX627875	AX627875 Sequence
1217	8	40.0	11	6	AX628617	AX628617 Sequence
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1220	8	40.0	12	6	CQ766296	CQ766296 Sequence
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c1222	8	40.0	12	6	AX138542	AX138542 Sequence
1223	8	40.0	12	6	AX233622	AX233622 Sequence
1224	8	40.0	13	6	A35656	A35656 Synthetic h
1225	8	40.0	13	6	AR306726	AR306726 Sequence
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1227	8	40.0	14	6	CQ774575	CQ774575 Sequence
c1228	8	40.0	14	6	E00241	E00241 DNA sequenc
c1229	8	40.0	14	6	E00244	E00244 DNA sequenc
c1230	8	40.0	14	6	AX040869	AX040869 Sequence
c1231	8	40.0	14	6	BD104669	BD104669 Kit and m
c1232	8	40.0	15	6	A04596	A04596 Oligonucleo
c1233	8	40.0	15	6	A11275	A11275 oligonucleo
c1234	8	40.0	15	6	A15236	A15236 Oligonucleo
c1235	8	40.0	15	6	A16451	A16451 oligonucleo
c1236	8	40.0	15	6	A35081	A35081 Synthetic I
1237	8	40.0	15	6	A35610	A35610 Synthetic h
c1238	8	40.0	15	6	AR024079	AR024079 Sequence
1239	8	40.0	15	6	AR033373	AR033373 Sequence
c1240	8	40.0	15	6	AR055871	AR055871 Sequence
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1242	8	40.0	15	6	AR056408	AR056408 Sequence
1243	8	40.0	15	6	AR056461	AR056461 Sequence
c1244	8	40.0	15	6	AR086428	AR086428 Sequence
1245	8	40.0	15	6	AR113195	AR113195 Sequence
c1246	8	40.0	15	6	AR113629	AR113629 Sequence
1247	8	40.0	15	6	AR113637	AR113637 Sequence
1248	8	40.0	15	6	AR114166	AR114166 Sequence
1249	8	40.0	15	6	AR114219	AR114219 Sequence
1250	8	40.0	15	6	BD207106	BD207106 Enzymatic
1251	8	40.0	15	6	BD208438	BD208438 Enzymatic
1252	8	40.0	15	6	BD208692	BD208692 Enzymatic
1253	8	40.0	15	6	BD208693	BD208693 Enzymatic
c1254	8	40.0	15	6	I55163	I55163 Sequence 12
1255	8	40.0	15	6	I57602	I57602 Sequence 13
1256	8	40.0	15	6	I61479	I61479 Sequence 33
c1257	8	40.0	15	6	I61682	I61682 Sequence 23
c1258	8	40.0	15	6	I61683	I61683 Sequence 23
c1259	8	40.0	15	6	I61684	I61684 Sequence 23
1260	8	40.0	15	6	I61712	I61712 Sequence 26

1261	8	40.0	15	6	I61713	I61713 Sequence 26
1262	8	40.0	15	6	AR183474	AR183474 Sequence
c1263	8	40.0	15	6	AR211588	AR211588 Sequence
1264	8	40.0	15	6	AR211606	AR211606 Sequence
c1265	8	40.0	15	6	AR224298	AR224298 Sequence
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c1267	8	40.0	15	6	AR443055	AR443055 Sequence
1268	8	40.0	15	6	AR540630	AR540630 Sequence
c1269	8	40.0	15	6	AX040895	AX040895 Sequence
c1270	8	40.0	15	6	AX262392	AX262392 Sequence
c1271	8	40.0	15	6	AX632919	AX632919 Sequence
1272	8	40.0	15	6	AX632935	AX632935 Sequence
1273	8	40.0	15	6	AX633314	AX633314 Sequence
1274	8	40.0	15	6	AX633416	AX633416 Sequence
1275	8	40.0	15	6	AX635911	AX635911 Sequence
c1276	8	40.0	15	6	AX636128	AX636128 Sequence
c1277	8	40.0	15	6	AX636130	AX636130 Sequence
c1278	8	40.0	15	6	AX636132	AX636132 Sequence
1279	8	40.0	15	6	AX636188	AX636188 Sequence
1280	8	40.0	15	6	AX636190	AX636190 Sequence
c1281	8	40.0	15	6	AX711070	AX711070 Sequence
c1282	8	40.0	15	6	BD001183	BD001183 Method an
c1283	8	40.0	15	6	BD001612	BD001612 Method an
1284	8	40.0	15	6	BD063067	BD063067 Gene iden
1285	8	40.0	15	6	BD080947	BD080947 Agonist a
c1286	8	40.0	15	6	BD104671	BD104671 Kit and m
c1287	8	40.0	15	6	BD104783	BD104783 Kit and m
c1288	8	40.0	16	6	A03920	A03920 Nucleotide
c1289	8	40.0	16	6	A13622	A13622 oligonucleo
c1290	8	40.0	16	6	A25797	A25797 polinucleot
1291	8	40.0	16	6	CQ796917	CQ796917 Sequence
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c1293	8	40.0	16	6	I26219	I26219 Sequence 4
c1294	8	40.0	16	6	I55156	I55156 Sequence 5
c1295	8	40.0	16	6	AR211619	AR211619 Sequence
c1296	8	40.0	16	6	AR271303	AR271303 Sequence
1297	8	40.0	16	6	AR364122	AR364122 Sequence
c1298	8	40.0	16	6	AR364151	AR364151 Sequence
c1299	8	40.0	16	6	AR438283	AR438283 Sequence
c1300	8	40.0	16	6	AR443048	AR443048 Sequence
1301	8	40.0	16	6	AR455061	AR455061 Sequence
1302	8	40.0	16	6	AX067893	AX067893 Sequence
c1303	8	40.0	16	6	AX104351	AX104351 Sequence
c1304	8	40.0	16	6	AX262385	AX262385 Sequence
1305	8	40.0	16	6	AX316101	AX316101 Sequence
1306	8	40.0	16	6	AX326877	AX326877 Sequence
1307	8	40.0	16	6	AX349233	AX349233 Sequence
1308	8	40.0	16	6	AX351113	AX351113 Sequence
c1309	8	40.0	16	6	AX355114	AX355114 Sequence
c1310	8	40.0	16	6	AX547404	AX547404 Sequence
c1311	8	40.0	16	6	AX751566	AX751566 Sequence
1312	8	40.0	16	6	AX756484	AX756484 Sequence
c1313	8	40.0	16	6	AX772213	AX772213 Sequence
c1314	8	40.0	16	6	BD093183	BD093183 A gene co
c1315	8	40.0	16	6	BD106668	BD106668 A method
c1316	8	40.0	17	6	A16196	A16196 Oligonucleo
c1317	8	40.0	17	6	A16242	A16242 Oligonucleo
1318	8	40.0	17	6	A45670	A45670 Sequence 1
1319	8	40.0	17	6	A45681	A45681 Sequence 12
1320	8	40.0	17	6	A46212	A46212 Sequence 19
c1321	8	40.0	17	6	A81184	A81184 Sequence 8
1322	8	40.0	17	6	A89325	A89325 Sequence 14
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c1324	8	40.0	17	6	AR001177	AR001177 Sequence
c1325	8	40.0	17	6	AR003051	AR003051 Sequence
c1326	8	40.0	17	6	AR003055	AR003055 Sequence
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1329	8	40.0	17	6	AR039287	AR039287 Sequence
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1331	8	40.0	17	6	AR057446	AR057446 Sequence
1332	8	40.0	17	6	AR057566	AR057566 Sequence
1333	8	40.0	17	6	AR115204	AR115204 Sequence
1334	8	40.0	17	6	AR115324	AR115324 Sequence
1335	8	40.0	17	6	BD198631	BD198631 Method an
1336	8	40.0	17	6	BD198632	BD198632 Method an
1337	8	40.0	17	6	BD198633	BD198633 Method an
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c1339	8	40.0	17	6	BD198866	BD198866 Method an
c1340	8	40.0	17	6	BD204788	BD204788 Novel hum
c1341	8	40.0	17	6	BD243732	BD243732 Preparati
c1342	8	40.0	17	6	BD254326	BD254326 Regulatio
1343	8	40.0	17	6	BD254414	BD254414 Regulatio
1344	8	40.0	17	6	BD254415	BD254415 Regulatio
1345	8	40.0	17	6	BD254416	BD254416 Regulatio
1346	8	40.0	17	6	BD254822	BD254822 Regulatio
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c1360	8	40.0	17	6	CQ617093	CQ617093 Sequence
c1361	8	40.0	17	6	CQ617094	CQ617094 Sequence
c1362	8	40.0	17	6	CQ617095	CQ617095 Sequence
c1363	8	40.0	17	6	CQ617096	CQ617096 Sequence
c1364	8	40.0	17	6	CQ617097	CQ617097 Sequence
c1365	8	40.0	17	6	CQ617098	CQ617098 Sequence
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c1370	8	40.0	17	6	CQ621809	CQ621809 Sequence
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c1373	8	40.0	17	6	CQ621812	CQ621812 Sequence
c1374	8	40.0	17	6	CQ621813	CQ621813 Sequence
c1375	8	40.0	17	6	CQ621814	CQ621814 Sequence
c1376	8	40.0	17	6	CQ621815	CQ621815 Sequence
c1377	8	40.0	17	6	CQ621816	CQ621816 Sequence
c1378	8	40.0	17	6	CQ808414	CQ808414 Sequence
c1379	8	40.0	17	6	E08804	E08804 PCR primer.
c1380	8	40.0	17	6	I23680	I23680 Sequence 10
c1381	8	40.0	17	6	I23682	I23682 Sequence 10
c1382	8	40.0	17	6	I37517	I37517 Sequence 53
c1383	8	40.0	17	6	I37518	I37518 Sequence 53
c1384	8	40.0	17	6	I37519	I37519 Sequence 53
c1385	8	40.0	17	6	I53508	I53508 Sequence 12
c1386	8	40.0	17	6	I94367	I94367 Sequence 53
c1387	8	40.0	17	6	I94368	I94368 Sequence 53
c1388	8	40.0	17	6	I94369	I94369 Sequence 53
1389	8	40.0	17	6	AR190215	AR190215 Sequence
1390	8	40.0	17	6	AR190216	AR190216 Sequence
1391	8	40.0	17	6	AR191926	AR191926 Sequence
1392	8	40.0	17	6	AR191927	AR191927 Sequence
1393	8	40.0	17	6	AR192262	AR192262 Sequence
1394	8	40.0	17	6	AR192263	AR192263 Sequence
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c1397	8	40.0	17	6	AR192434	AR192434 Sequence
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1642	8	40.0	18	6	BD221957	BD221957 Nucleic a
1643	8	40.0	18	6	BD224973	BD224973 Antisense
1644	8	40.0	18	6	BD232532	BD232532 Adeno-ass
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c1656	8	40.0	18	6	I28024	I28024 Sequence 19
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1721	8	40.0	18	6	BD003521	BD003521 A gene re
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1723	8	40.0	18	6	BD013226	BD013226 P21(cip1)
1724	8	40.0	18	6	BD088564	BD088564 A method
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1726	8	40.0	18	6	BD104773	BD104773 Kit and m
1727	8	40.0	18	12	AB069407	AB069407 Synthetic
c1728	8	40.0	19	6	A06795	A06795 Nucleotide
c1729	8	40.0	19	6	A17223	A17223 Oligonucleo
1730	8	40.0	19	6	A83214	A83214 Sequence 34
c1731	8	40.0	19	6	AR013829	AR013829 Sequence
c1732	8	40.0	19	6	AR027606	AR027606 Sequence
c1733	8	40.0	19	6	AR033783	AR033783 Sequence
c1734	8	40.0	19	6	AR035151	AR035151 Sequence
c1735	8	40.0	19	6	AR038724	AR038724 Sequence
c1736	8	40.0	19	6	AR042443	AR042443 Sequence
c1737	8	40.0	19	6	AR048548	AR048548 Sequence
c1738	8	40.0	19	6	AR058323	AR058323 Sequence
1739	8	40.0	19	6	AR059348	AR059348 Sequence
c1740	8	40.0	19	6	AR059610	AR059610 Sequence
1741	8	40.0	19	6	AR071624	AR071624 Sequence
c1742	8	40.0	19	6	AR075937	AR075937 Sequence
c1743	8	40.0	19	6	AR088149	AR088149 Sequence
c1744	8	40.0	19	6	AR099843	AR099843 Sequence
c1745	8	40.0	19	6	AR099845	AR099845 Sequence
c1746	8	40.0	19	6	AR102939	AR102939 Sequence
c1747	8	40.0	19	6	AR107995	AR107995 Sequence
c1748	8	40.0	19	6	AR112361	AR112361 Sequence
c1749	8	40.0	19	6	AR119585	AR119585 Sequence
1750	8	40.0	19	6	AR130542	AR130542 Sequence
1751	8	40.0	19	6	AR161789	AR161789 Sequence
c1752	8	40.0	19	6	AR163676	AR163676 Sequence
c1753	8	40.0	19	6	BD226498	BD226498 Method an
c1754	8	40.0	19	6	BD230848	BD230848 Total gen
c1755	8	40.0	19	6	BD271093	BD271093 BAFF in s
1756	8	40.0	19	6	CQ774945	CQ774945 Sequence
c1757	8	40.0	19	6	CQ776074	CQ776074 Sequence
c1758	8	40.0	19	6	CQ778432	CQ778432 Sequence
c1759	8	40.0	19	6	CQ779515	CQ779515 Sequence
1760	8	40.0	19	6	CQ796137	CQ796137 Sequence
1761	8	40.0	19	6	CQ801734	CQ801734 Sequence
1762	8	40.0	19	6	CQ801911	CQ801911 Sequence
1763	8	40.0	19	6	CQ801931	CQ801931 Sequence
1764	8	40.0	19	6	CQ857968	CQ857968 Sequence
1765	8	40.0	19	6	CQ866900	CQ866900 Sequence
c1766	8	40.0	19	6	E14025	E14025 Primer. 7/1
c1767	8	40.0	19	6	E60029	E60029 Novel phosp
c1768	8	40.0	19	6	I06281	I06281 Sequence 5
c1769	8	40.0	19	6	I21893	I21893 Sequence 19
c1770	8	40.0	19	6	I23321	I23321 Sequence 19
1771	8	40.0	19	6	I43068	I43068 Sequence 51
c1772	8	40.0	19	6	I63597	I63597 Sequence 19
1773	8	40.0	19	6	I95650	I95650 Sequence 17
1774	8	40.0	19	6	AR182941	AR182941 Sequence
c1775	8	40.0	19	6	AR219992	AR219992 Sequence
c1776	8	40.0	19	6	AR233411	AR233411 Sequence
c1777	8	40.0	19	6	AR236416	AR236416 Sequence
1778	8	40.0	19	6	AR279147	AR279147 Sequence
1779	8	40.0	19	6	AR279526	AR279526 Sequence
1780	8	40.0	19	6	AR292219	AR292219 Sequence
c1781	8	40.0	19	6	AR293130	AR293130 Sequence
1782	8	40.0	19	6	AR294953	AR294953 Sequence
c1783	8	40.0	19	6	AR294967	AR294967 Sequence
c1784	8	40.0	19	6	AR298981	AR298981 Sequence
1785	8	40.0	19	6	AR299152	AR299152 Sequence
c1786	8	40.0	19	6	AR362420	AR362420 Sequence
c1787	8	40.0	19	6	AR411461	AR411461 Sequence
1788	8	40.0	19	6	AR451376	AR451376 Sequence
1789	8	40.0	19	6	AR451433	AR451433 Sequence
1790	8	40.0	19	6	AR478353	AR478353 Sequence
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c1792	8	40.0	19	6	AR491540	AR491540 Sequence
c1793	8	40.0	19	6	AX083228	AX083228 Sequence
1794	8	40.0	19	6	AX115614	AX115614 Sequence
c1795	8	40.0	19	6	AX129874	AX129874 Sequence
c1796	8	40.0	19	6	AX129875	AX129875 Sequence
1797	8	40.0	19	6	AX131350	AX131350 Sequence
1798	8	40.0	19	6	AX131351	AX131351 Sequence
1799	8	40.0	19	6	AX131352	AX131352 Sequence
1800	8	40.0	19	6	AX131353	AX131353 Sequence
1801	8	40.0	19	6	AX132074	AX132074 Sequence
1802	8	40.0	19	6	AX132075	AX132075 Sequence
c1803	8	40.0	19	6	AX207004	AX207004 Sequence
1804	8	40.0	19	6	AX377568	AX377568 Sequence
1805	8	40.0	19	6	AX377571	AX377571 Sequence
1806	8	40.0	19	6	AX411921	AX411921 Sequence
1807	8	40.0	19	6	AX411978	AX411978 Sequence
c1808	8	40.0	19	6	AX472056	AX472056 Sequence
1809	8	40.0	19	6	AX571909	AX571909 Sequence
1810	8	40.0	19	6	AX616484	AX616484 Sequence
1811	8	40.0	19	6	AX809488	AX809488 Sequence
1812	8	40.0	19	6	AX814207	AX814207 Sequence
c1813	8	40.0	19	6	AX935077	AX935077 Sequence
c1814	8	40.0	19	6	BD061650	BD061650 Leukemia
1815	8	40.0	19	6	BD088235	BD088235 A method
1816	8	40.0	19	6	BD088305	BD088305 A method
1817	8	40.0	19	6	BD088307	BD088307 A method
1818	8	40.0	19	6	BD089042	BD089042 A method
1819	8	40.0	19	6	BD089665	BD089665 A method
1820	8	40.0	19	6	BD096914	BD096914 Chemical
c1821	8	40.0	19	6	BD132405	BD132405 A basal c
1822	8	40.0	19	12	AB067855	AB067855 Synthetic
1823	8	40.0	19	12	AB068342	AB068342 Synthetic
1824	8	40.0	19	12	AB068344	AB068344 Synthetic
1825	8	40.0	19	12	AB068354	AB068354 Synthetic
1826	8	40.0	19	12	AMM229000	AJ229000 Artificia
c1827	8	40.0	20	4	DOGP14001	L15660 Dog (Clone:
c1828	8	40.0	20	4	SSAJ810	AJ000810 Sus scrof
c1829	8	40.0	20	6	A10409	A10409 Oligonucleo
c1830	8	40.0	20	6	A31590	A31590 Synthetic E
c1831	8	40.0	20	6	A31597	A31597 Synthetic E
c1832	8	40.0	20	6	A59865	A59865 Sequence 6
1833	8	40.0	20	6	A63046	A63046 Sequence 17
c1834	8	40.0	20	6	A92177	A92177 Sequence 11
c1835	8	40.0	20	6	AR019628	AR019628 Sequence
c1836	8	40.0	20	6	AR021115	AR021115 Sequence
c1837	8	40.0	20	6	AR021116	AR021116 Sequence
1838	8	40.0	20	6	AR026559	AR026559 Sequence
c1839	8	40.0	20	6	AR036259	AR036259 Sequence
c1840	8	40.0	20	6	AR036260	AR036260 Sequence
1841	8	40.0	20	6	AR037470	AR037470 Sequence
1842	8	40.0	20	6	AR042863	AR042863 Sequence
c1843	8	40.0	20	6	AR043111	AR043111 Sequence
1844	8	40.0	20	6	AR044559	AR044559 Sequence

1845	8	40.0	20	6	AR053440	AR053440 Sequence
c1846	8	40.0	20	6	AR059007	AR059007 Sequence
c1847	8	40.0	20	6	AR060520	AR060520 Sequence
c1848	8	40.0	20	6	AR068781	AR068781 Sequence
c1849	8	40.0	20	6	AR073324	AR073324 Sequence
1850	8	40.0	20	6	AR073327	AR073327 Sequence
c1851	8	40.0	20	6	AR076690	AR076690 Sequence
1852	8	40.0	20	6	AR085118	AR085118 Sequence
1853	8	40.0	20	6	AR089375	AR089375 Sequence
c1854	8	40.0	20	6	AR092655	AR092655 Sequence
c1855	8	40.0	20	6	AR093253	AR093253 Sequence
1856	8	40.0	20	6	AR093575	AR093575 Sequence
1857	8	40.0	20	6	AR095073	AR095073 Sequence
1858	8	40.0	20	6	AR095081	AR095081 Sequence
1859	8	40.0	20	6	AR100369	AR100369 Sequence
1860	8	40.0	20	6	AR103288	AR103288 Sequence
c1861	8	40.0	20	6	AR105267	AR105267 Sequence
1862	8	40.0	20	6	AR117734	AR117734 Sequence
c1863	8	40.0	20	6	AR119646	AR119646 Sequence
1864	8	40.0	20	6	AR123084	AR123084 Sequence
c1865	8	40.0	20	6	AR123731	AR123731 Sequence
1866	8	40.0	20	6	AR129007	AR129007 Sequence
1867	8	40.0	20	6	AR129672	AR129672 Sequence
c1868	8	40.0	20	6	AR129701	AR129701 Sequence
1869	8	40.0	20	6	AR130786	AR130786 Sequence
c1870	8	40.0	20	6	AR130985	AR130985 Sequence
c1871	8	40.0	20	6	AR137455	AR137455 Sequence
c1872	8	40.0	20	6	AR137473	AR137473 Sequence
1873	8	40.0	20	6	AR145997	AR145997 Sequence
1874	8	40.0	20	6	AR147935	AR147935 Sequence
1875	8	40.0	20	6	AR150024	AR150024 Sequence
c1876	8	40.0	20	6	AR152878	AR152878 Sequence
c1877	8	40.0	20	6	AR152884	AR152884 Sequence
c1878	8	40.0	20	6	AR153796	AR153796 Sequence
1879	8	40.0	20	6	AR153799	AR153799 Sequence
1880	8	40.0	20	6	AR154462	AR154462 Sequence
1881	8	40.0	20	6	AR162368	AR162368 Sequence
c1882	8	40.0	20	6	AR162418	AR162418 Sequence
c1883	8	40.0	20	6	AR162419	AR162419 Sequence
1884	8	40.0	20	6	AR163446	AR163446 Sequence
1885	8	40.0	20	6	AR163447	AR163447 Sequence
1886	8	40.0	20	6	AR163741	AR163741 Sequence
1887	8	40.0	20	6	AR169946	AR169946 Sequence
c1888	8	40.0	20	6	AR174351	AR174351 Sequence
1889	8	40.0	20	6	AR176026	AR176026 Sequence
c1890	8	40.0	20	6	BD134334	BD134334 Detection
c1891	8	40.0	20	6	BD134340	BD134340 Detection
1892	8	40.0	20	6	BD140062	BD140062 Essential
c1893	8	40.0	20	6	BD141108	BD141108 A highly
1894	8	40.0	20	6	BD141763	BD141763 Novel G p
1895	8	40.0	20	6	BD169013	BD169013 Estrogen
1896	8	40.0	20	6	BD169039	BD169039 Estrogen
c1897	8	40.0	20	6	BD171777	BD171777 Method fo
1898	8	40.0	20	6	BD181714	BD181714 Novel G p
1899	8	40.0	20	6	BD185502	BD185502 Estrogen
1900	8	40.0	20	6	BD188143	BD188143 Estrogen
c1901	8	40.0	20	6	BD189563	BD189563 Aphidicol
1902	8	40.0	20	6	BD192557	BD192557 Compositi
c1903	8	40.0	20	6	BD206104	BD206104 Insulin-l
1904	8	40.0	20	6	BD224917	BD224917 Antisense
1905	8	40.0	20	6	BD226114	BD226114 Therapeut
1906	8	40.0	20	6	BD226640	BD226640 Methods f
c1907	8	40.0	20	6	BD226852	BD226852 Regulatio
1908	8	40.0	20	6	BD226855	BD226855 Regulatio
1909	8	40.0	20	6	BD227897	BD227897 Antisense
1910	8	40.0	20	6	BD228440	BD228440 IL-17 hom
1911	8	40.0	20	6	BD228581	BD228581 Novel IRA
1912	8	40.0	20	6	BD230687	BD230687 Total gen
1913	8	40.0	20	6	BD230701	BD230701 Total gen
c1914	8	40.0	20	6	BD230877	BD230877 Total gen
c1915	8	40.0	20	6	BD232411	BD232411 Attenuate
1916	8	40.0	20	6	BD238152	BD238152 Antisense
1917	8	40.0	20	6	BD238160	BD238160 Antisense
c1918	8	40.0	20	6	BD242899	BD242899 Secreted
1919	8	40.0	20	6	BD266658	BD266658 Method fo
1920	8	40.0	20	6	BD266659	BD266659 Method fo
c1921	8	40.0	20	6	BD268723	BD268723 Inhibitor
1922	8	40.0	20	6	BD269080	BD269080 Method fo
1923	8	40.0	20	6	CQ758982	CQ758982 Sequence
c1924	8	40.0	20	6	CQ759636	CQ759636 Sequence
c1925	8	40.0	20	6	CQ764862	CQ764862 Sequence
1926	8	40.0	20	6	CQ772331	CQ772331 Sequence
c1927	8	40.0	20	6	CQ774814	CQ774814 Sequence
1928	8	40.0	20	6	CQ778091	CQ778091 Sequence
c1929	8	40.0	20	6	CQ784125	CQ784125 Sequence
c1930	8	40.0	20	6	CQ792652	CQ792652 Sequence
c1931	8	40.0	20	6	CQ794242	CQ794242 Sequence
c1932	8	40.0	20	6	CQ796904	CQ796904 Sequence
c1933	8	40.0	20	6	CQ803581	CQ803581 Sequence
c1934	8	40.0	20	6	CQ807347	CQ807347 Sequence
1935	8	40.0	20	6	CQ819709	CQ819709 Sequence
c1936	8	40.0	20	6	CQ824392	CQ824392 Sequence
c1937	8	40.0	20	6	CQ871903	CQ871903 Sequence
c1938	8	40.0	20	6	E07455	E07455 Artificial
1939	8	40.0	20	6	E11843	E11843 Primer. 9/1
1940	8	40.0	20	6	E29905	E29905 HIV cofacto
c1941	8	40.0	20	6	E43722	E43722 Nucleic aci
1942	8	40.0	20	6	E59787	E59787 Canine obsi
1943	8	40.0	20	6	I18478	I18478 Sequence 20
c1944	8	40.0	20	6	I18755	I18755 Sequence 10
c1945	8	40.0	20	6	I22587	I22587 Sequence 75
c1946	8	40.0	20	6	I24319	I24319 Sequence 14
1947	8	40.0	20	6	I33999	I33999 Sequence 1
c1948	8	40.0	20	6	I36631	I36631 Sequence 17
c1949	8	40.0	20	6	I47412	I47412 Sequence 75
c1950	8	40.0	20	6	I87159	I87159 Sequence 55
1951	8	40.0	20	6	AR180888	AR180888 Sequence
c1952	8	40.0	20	6	AR182747	AR182747 Sequence
1953	8	40.0	20	6	AR205393	AR205393 Sequence
c1954	8	40.0	20	6	AR206639	AR206639 Sequence
1955	8	40.0	20	6	AR206666	AR206666 Sequence
c1956	8	40.0	20	6	AR207188	AR207188 Sequence
1957	8	40.0	20	6	AR210093	AR210093 Sequence
1958	8	40.0	20	6	AR211139	AR211139 Sequence
c1959	8	40.0	20	6	AR217913	AR217913 Sequence
1960	8	40.0	20	6	AR219659	AR219659 Sequence
1961	8	40.0	20	6	AR219993	AR219993 Sequence
c1962	8	40.0	20	6	AR224565	AR224565 Sequence
c1963	8	40.0	20	6	AR226101	AR226101 Sequence
c1964	8	40.0	20	6	AR226157	AR226157 Sequence
c1965	8	40.0	20	6	AR229064	AR229064 Sequence
c1966	8	40.0	20	6	AR229120	AR229120 Sequence
1967	8	40.0	20	6	AR230803	AR230803 Sequence
1968	8	40.0	20	6	AR231035	AR231035 Sequence
c1969	8	40.0	20	6	AR234643	AR234643 Sequence
c1970	8	40.0	20	6	AR237436	AR237436 Sequence
c1971	8	40.0	20	6	AR237437	AR237437 Sequence
c1972	8	40.0	20	6	AR262246	AR262246 Sequence
c1973	8	40.0	20	6	AR262744	AR262744 Sequence
1974	8	40.0	20	6	AR265918	AR265918 Sequence
1975	8	40.0	20	6	AR266139	AR266139 Sequence
c1976	8	40.0	20	6	AR281383	AR281383 Sequence
1977	8	40.0	20	6	AR281878	AR281878 Sequence
1978	8	40.0	20	6	AR293268	AR293268 Sequence
c1979	8	40.0	20	6	AR293356	AR293356 Sequence
1980	8	40.0	20	6	AR294004	AR294004 Sequence
1981	8	40.0	20	6	AR295001	AR295001 Sequence
c1982	8	40.0	20	6	AR299809	AR299809 Sequence
c1983	8	40.0	20	6	AR300827	AR300827 Sequence
c1984	8	40.0	20	6	AR304363	AR304363 Sequence
c1985	8	40.0	20	6	AR304592	AR304592 Sequence
c1986	8	40.0	20	6	AR305279	AR305279 Sequence
1987	8	40.0	20	6	AR305792	AR305792 Sequence
c1988	8	40.0	20	6	AR309383	AR309383 Sequence
c1989	8	40.0	20	6	AR310953	AR310953 Sequence
c1990	8	40.0	20	6	AR310960	AR310960 Sequence

c1991	8	40.0	20	6	AR311446	AR311446 Sequence
c1992	8	40.0	20	6	AR311508	AR311508 Sequence
1993	8	40.0	20	6	AR311901	AR311901 Sequence
1994	8	40.0	20	6	AR311904	AR311904 Sequence
c1995	8	40.0	20	6	AR311948	AR311948 Sequence
c1996	8	40.0	20	6	AR312320	AR312320 Sequence
1997	8	40.0	20	6	AR312450	AR312450 Sequence
c1998	8	40.0	20	6	AR312485	AR312485 Sequence
1999	8	40.0	20	6	AR312499	AR312499 Sequence
c2000	8	40.0	20	6	AR312545	AR312545 Sequence
c2001	8	40.0	20	6	AR312987	AR312987 Sequence
c2002	8	40.0	20	6	AR312995	AR312995 Sequence
2003	8	40.0	20	6	AR313038	AR313038 Sequence
c2004	8	40.0	20	6	AR313665	AR313665 Sequence
c2005	8	40.0	20	6	AR313672	AR313672 Sequence
c2006	8	40.0	20	6	AR313709	AR313709 Sequence
2007	8	40.0	20	6	AR313823	AR313823 Sequence
2008	8	40.0	20	6	AR314596	AR314596 Sequence
c2009	8	40.0	20	6	AR316707	AR316707 Sequence
2010	8	40.0	20	6	AR316710	AR316710 Sequence
2011	8	40.0	20	6	AR317237	AR317237 Sequence
c2012	8	40.0	20	6	AR337588	AR337588 Sequence
2013	8	40.0	20	6	AR350757	AR350757 Sequence
2014	8	40.0	20	6	AR359585	AR359585 Sequence
2015	8	40.0	20	6	AR359665	AR359665 Sequence
c2016	8	40.0	20	6	AR361734	AR361734 Sequence
2017	8	40.0	20	6	AR361737	AR361737 Sequence
2018	8	40.0	20	6	AR362327	AR362327 Sequence
c2019	8	40.0	20	6	AR371918	AR371918 Sequence
c2020	8	40.0	20	6	AR373667	AR373667 Sequence
c2021	8	40.0	20	6	AR373839	AR373839 Sequence
2022	8	40.0	20	6	AR381361	AR381361 Sequence
c2023	8	40.0	20	6	AR397453	AR397453 Sequence
c2024	8	40.0	20	6	AR404368	AR404368 Sequence
2025	8	40.0	20	6	AR411911	AR411911 Sequence
c2026	8	40.0	20	6	AR429888	AR429888 Sequence
2027	8	40.0	20	6	AR433133	AR433133 Sequence
c2028	8	40.0	20	6	AR438792	AR438792 Sequence
c2029	8	40.0	20	6	AR439686	AR439686 Sequence
c2030	8	40.0	20	6	AR439692	AR439692 Sequence
c2031	8	40.0	20	6	AR447296	AR447296 Sequence
2032	8	40.0	20	6	AR453337	AR453337 Sequence
2033	8	40.0	20	6	AR454806	AR454806 Sequence
c2034	8	40.0	20	6	AR477368	AR477368 Sequence
c2035	8	40.0	20	6	AR533782	AR533782 Sequence
2036	8	40.0	20	6	AR544775	AR544775 Sequence
c2037	8	40.0	20	6	AR560729	AR560729 Sequence
c2038	8	40.0	20	6	AR567808	AR567808 Sequence
2039	8	40.0	20	6	AX002814	AX002814 Sequence
c2040	8	40.0	20	6	AX011028	AX011028 Sequence
2041	8	40.0	20	6	AX018869	AX018869 Sequence
2042	8	40.0	20	6	AX018884	AX018884 Sequence
2043	8	40.0	20	6	AX018901	AX018901 Sequence
2044	8	40.0	20	6	AX018916	AX018916 Sequence
2045	8	40.0	20	6	AX019030	AX019030 Sequence
2046	8	40.0	20	6	AX020774	AX020774 Sequence
2047	8	40.0	20	6	AX045081	AX045081 Sequence
2048	8	40.0	20	6	AX057867	AX057867 Sequence
2049	8	40.0	20	6	AX059439	AX059439 Sequence
c2050	8	40.0	20	6	AX069243	AX069243 Sequence
2051	8	40.0	20	6	AX073742	AX073742 Sequence
c2052	8	40.0	20	6	AX076383	AX076383 Sequence
c2053	8	40.0	20	6	AX078030	AX078030 Sequence
c2054	8	40.0	20	6	AX080515	AX080515 Sequence
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2066	8	40.0	20	6	AX293001	AX293001 Sequence
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c2161	8	40.0	20	6	AX962857	AX962857 Sequence
c2162	8	40.0	20	6	BD006228	BD006228 Transgeni
c2163	8	40.0	20	6	BD009152	BD009152 Herbicide
c2164	8	40.0	20	6	BD011509	BD011509 Brain gly
2165	8	40.0	20	6	BD012432	BD012432 A novel g
2166	8	40.0	20	6	BD012434	BD012434 A novel g
c2167	8	40.0	20	6	BD015231	BD015231 Non-toxic
c2168	8	40.0	20	6	BD016046	BD016046 Oligonucl
c2169	8	40.0	20	6	BD016165	BD016165 Oligonucl
2170	8	40.0	20	6	BD016600	BD016600 Genes and
c2171	8	40.0	20	6	BD017317	BD017317 Oligonucl
c2172	8	40.0	20	6	BD065017	BD065017 A method
2173	8	40.0	20	6	BD074201	BD074201 DNA molec
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2175	8	40.0	20	6	BD084310	BD084310 Compositi
c2176	8	40.0	20	6	BD087923	BD087923 A method
c2177	8	40.0	20	6	BD089804	BD089804 A method
c2178	8	40.0	20	6	BD091210	BD091210 Inhibitio
2179	8	40.0	20	6	BD091213	BD091213 Inhibitio
2180	8	40.0	20	6	BD093432	BD093432 Detection
2181	8	40.0	20	6	BD097050	BD097050 Therapeut
2182	8	40.0	20	6	BD102222	BD102222 Process f
c2183	8	40.0	20	6	BD106190	BD106190 Novel LDL
2184	8	40.0	20	6	BD107220	BD107220 Base sequ
2185	8	40.0	20	6	BD123486	BD123486 Photoregu
c2186	8	40.0	20	6	BD128049	BD128049 Primer fo
2187	8	40.0	20	6	BD131622	BD131622 Osteopont
2188	8	40.0	20	9	HS960C61L	X87692 H.sapiens p
c2189	8	40.0	20	9	HUMNME1I	L05014 Homo sapien
c2190	8	40.0	20	12	AB068500	AB068500 Synthetic
c2191	8	40.0	21	6	A06816	A06816 H.sapiens r
2192	8	40.0	21	6	A31965	A31965 Synthetic H
2193	8	40.0	21	6	A42054	A42054 Sequence 7
2194	8	40.0	21	6	A44832	A44832 Sequence 8
c2195	8	40.0	21	6	A45671	A45671 Sequence 2
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2199	8	40.0	21	6	A62026	A62026 Sequence 12
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c2202	8	40.0	21	6	AR003432	AR003432 Sequence
2203	8	40.0	21	6	AR016476	AR016476 Sequence
c2204	8	40.0	21	6	AR030689	AR030689 Sequence
2205	8	40.0	21	6	AR038785	AR038785 Sequence
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2207	8	40.0	21	6	AR059671	AR059671 Sequence
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2214	8	40.0	21	6	AR098423	AR098423 Sequence
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2216	8	40.0	21	6	AR117340	AR117340 Sequence
2217	8	40.0	21	6	AR127444	AR127444 Sequence
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2219	8	40.0	21	6	AR142728	AR142728 Sequence
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c2225	8	40.0	21	6	AR166618	AR166618 Sequence
c2226	8	40.0	21	6	AR166622	AR166622 Sequence
2227	8	40.0	21	6	AR178575	AR178575 Sequence
c2228	8	40.0	21	6	BD142102	BD142102 A method
c2229	8	40.0	21	6	BD142105	BD142105 A method
2230	8	40.0	21	6	BD161863	BD161863 Process f
2231	8	40.0	21	6	BD168072	BD168072 Anti-CD14
c2232	8	40.0	21	6	BD168083	BD168083 Anti-CD14
2233	8	40.0	21	6	BD170764	BD170764 Process f
c2234	8	40.0	21	6	BD176941	BD176941 Gene rela
2235	8	40.0	21	6	BD188973	BD188973 MURINE MO
c2236	8	40.0	21	6	BD204992	BD204992 Protein a
c2237	8	40.0	21	6	BD225485	BD225485 Vector fo
2238	8	40.0	21	6	BD230383	BD230383 Total gen
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c2240	8	40.0	21	6	BD238404	BD238404 Sorting o
c2241	8	40.0	21	6	BD244594	BD244594 High-perf
c2242	8	40.0	21	6	BD266032	BD266032 Universal
c2243	8	40.0	21	6	BD273313	BD273313 Adenoviru
c2244	8	40.0	21	6	CQ754682	CQ754682 Sequence
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c2246	8	40.0	21	6	CQ774342	CQ774342 Sequence
2247	8	40.0	21	6	CQ776110	CQ776110 Sequence
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2251	8	40.0	21	6	CQ786188	CQ786188 Sequence
2252	8	40.0	21	6	CQ799126	CQ799126 Sequence
c2253	8	40.0	21	6	CQ799377	CQ799377 Sequence
c2254	8	40.0	21	6	CQ831023	CQ831023 Sequence
c2255	8	40.0	21	6	CQ834933	CQ834933 Sequence
c2256	8	40.0	21	6	E08074	E08074 PCR primer
c2257	8	40.0	21	6	E08166	E08166 Oligonucleo
c2258	8	40.0	21	6	E29435	E29435 Oligonucleo
2259	8	40.0	21	6	I16140	I16140 Sequence 5
c2260	8	40.0	21	6	I21221	I21221 Sequence 67
2261	8	40.0	21	6	I21311	I21311 Sequence 5
c2262	8	40.0	21	6	I26337	I26337 Sequence 29
c2263	8	40.0	21	6	I43067	I43067 Sequence 50
c2264	8	40.0	21	6	I55155	I55155 Sequence 4
c2265	8	40.0	21	6	I74488	I74488 Sequence 67
2266	8	40.0	21	6	I86713	I86713 Sequence 1
c2267	8	40.0	21	6	AR183334	AR183334 Sequence
c2268	8	40.0	21	6	AR193531	AR193531 Sequence
c2269	8	40.0	21	6	AR193542	AR193542 Sequence
2270	8	40.0	21	6	AR233506	AR233506 Sequence
c2271	8	40.0	21	6	AR271302	AR271302 Sequence
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c2273	8	40.0	21	6	AR279830	AR279830 Sequence
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2279	8	40.0	21	6	AR299886	AR299886 Sequence
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2282	8	40.0	21	6	AR306814	AR306814 Sequence

2283	8	40.0	21	6	AR307362	AR307362 Sequence
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2285	8	40.0	21	6	AR340620	AR340620 Sequence
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c2287	8	40.0	21	6	AR362413	AR362413 Sequence
c2288	8	40.0	21	6	AR371757	AR371757 Sequence
2289	8	40.0	21	6	AR381849	AR381849 Sequence
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2291	8	40.0	21	6	AR432597	AR432597 Sequence
2292	8	40.0	21	6	AR437689	AR437689 Sequence
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2299	8	40.0	21	6	AR452391	AR452391 Sequence
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2303	8	40.0	21	6	AR454246	AR454246 Sequence
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2305	8	40.0	21	6	AR560773	AR560773 Sequence
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2307	8	40.0	21	6	AX020546	AX020546 Sequence
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2313	8	40.0	21	6	AX059317	AX059317 Sequence
c2314	8	40.0	21	6	AX077152	AX077152 Sequence
c2315	8	40.0	21	6	AX094950	AX094950 Sequence
c2316	8	40.0	21	6	AX099862	AX099862 Sequence
c2317	8	40.0	21	6	AX116987	AX116987 Sequence
c2318	8	40.0	21	6	AX117687	AX117687 Sequence
c2319	8	40.0	21	6	AX137982	AX137982 Sequence
2320	8	40.0	21	6	AX146150	AX146150 Sequence
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2322	8	40.0	21	6	AX201212	AX201212 Sequence
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2325	8	40.0	21	6	AX201260	AX201260 Sequence
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2327	8	40.0	21	6	AX204964	AX204964 Sequence
c2328	8	40.0	21	6	AX262384	AX262384 Sequence
c2329	8	40.0	21	6	AX405331	AX405331 Sequence
c2330	8	40.0	21	6	AX488106	AX488106 Sequence
2331	8	40.0	21	6	AX598292	AX598292 Sequence
2332	8	40.0	21	6	AX665415	AX665415 Sequence
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c2334	8	40.0	21	6	AX674913	AX674913 Sequence
2335	8	40.0	21	6	AX674957	AX674957 Sequence
c2336	8	40.0	21	6	AX686377	AX686377 Sequence
c2337	8	40.0	21	6	AX763853	AX763853 Sequence
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2345	8	40.0	21	6	AX816474	AX816474 Sequence
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2350	8	40.0	21	6	AX922601	AX922601 Sequence
2351	8	40.0	21	6	BD001789	BD001789 Immunogen
2352	8	40.0	21	6	BD057769	BD057769 Diagnosin
2353	8	40.0	21	6	BD070810	BD070810 Method to
2354	8	40.0	21	6	BD074204	BD074204 DNA molec
2355	8	40.0	21	6	BD074208	BD074208 DNA molec
c2356	8	40.0	21	6	BD074842	BD074842 Analysis
2357	8	40.0	21	6	BD080736	BD080736 Presenili
2358	8	40.0	21	6	BD091978	BD091978 Recombina
2359	8	40.0	21	6	BD091979	BD091979 Recombina
2360	8	40.0	21	6	BD102590	BD102590 TLR/CD14
c2361	8	40.0	21	6	BD102601	BD102601 TLR/CD14
c2362	8	40.0	21	6	BD103419	BD103419 Gene rela
c2363	8	40.0	21	6	BD106180	BD106180 Novel LDL
2364	8	40.0	21	6	BD106674	BD106674 A method
2365	8	40.0	21	6	BD128660	BD128660 OSF2/CBFA
c2366	8	40.0	22	6	A17150	A17150 Oligonucleo
c2367	8	40.0	22	6	AR027533	AR027533 Sequence
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c2369	8	40.0	22	6	AR049020	AR049020 Sequence
2370	8	40.0	22	6	AR050720	AR050720 Sequence
2371	8	40.0	22	6	AR053444	AR053444 Sequence
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c2373	8	40.0	22	6	AR122069	AR122069 Sequence
c2374	8	40.0	22	6	AR129870	AR129870 Sequence
c2375	8	40.0	22	6	AR149405	AR149405 Sequence
c2376	8	40.0	22	6	AR156909	AR156909 Sequence
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2483	8	40.0	23	6	BD235613	BD235613 Gene. 7/2
2484	8	40.0	23	6	BD261192	BD261192 Triterpen
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2497	8	40.0	23	6	E06482	E06482 Primer. 9/1
2498	8	40.0	23	6	E07683	E07683 Oligonucleo
2499	8	40.0	23	6	E10829	E10829 FITC labeli
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2555	8	40.0	23	6	BD130169	BD130169 Material
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2558	8	40.0	24	6	A27856	A27856 Mutagenese
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2732	8	40.0	24	6	BD091816	BD091816 LKB1 gene
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c3022	8	40.0	25	6	AX754073	AX754073 Sequence
c3023	8	40.0	25	6	AX754074	AX754074 Sequence
c3024	8	40.0	25	6	AX754075	AX754075 Sequence
c3025	8	40.0	25	6	AX754076	AX754076 Sequence
c3026	8	40.0	25	6	AX754077	AX754077 Sequence
c3027	8	40.0	25	6	AX754078	AX754078 Sequence
c3028	8	40.0	25	6	AX754079	AX754079 Sequence
3029	8	40.0	25	6	AX769684	AX769684 Sequence
c3030	8	40.0	25	6	AX781655	AX781655 Sequence
3031	8	40.0	25	6	AX782650	AX782650 Sequence
3032	8	40.0	25	6	AX782670	AX782670 Sequence
c3033	8	40.0	25	6	AX814358	AX814358 Sequence
3034	8	40.0	25	6	AX930019	AX930019 Sequence
c3035	8	40.0	25	6	BD016236	BD016236 Method an
3036	8	40.0	25	6	BD093245	BD093245 DNA encod
c3037	8	40.0	25	6	BD093249	BD093249 DNA encod
c3038	8	40.0	25	6	BD095332	BD095332 The metho
c3039	8	40.0	25	6	BD106736	BD106736 Plastid p
c3040	8	40.0	26	6	A16367	A16367 Hybidizatio
3041	8	40.0	26	6	A16368	A16368 Hybidizatio
3042	8	40.0	26	6	A16369	A16369 Hybidizatio
c3043	8	40.0	26	6	A16370	A16370 Hybidizatio
3044	8	40.0	26	6	A44935	A44935 Sequence 1
c3045	8	40.0	26	6	AR066682	AR066682 Sequence
c3046	8	40.0	26	6	AR085055	AR085055 Sequence
3047	8	40.0	26	6	AR090227	AR090227 Sequence
3048	8	40.0	26	6	AR090276	AR090276 Sequence
3049	8	40.0	26	6	AR090583	AR090583 Sequence
3050	8	40.0	26	6	AR091191	AR091191 Sequence
c3051	8	40.0	26	6	BD144275	BD144275 Recombina
c3052	8	40.0	26	6	BD184082	BD184082 Method an
c3053	8	40.0	26	6	CQ830678	CQ830678 Sequence
c3054	8	40.0	26	6	CQ875169	CQ875169 Sequence
c3055	8	40.0	26	6	CQ881857	CQ881857 Sequence
c3056	8	40.0	26	6	CQ881861	CQ881861 Sequence
3057	8	40.0	26	6	E22837	E22837 Promoter se
3058	8	40.0	26	6	I42621	I42621 Sequence 11
c3059	8	40.0	26	6	I96056	I96056 Sequence 15
3060	8	40.0	26	6	AR197262	AR197262 Sequence
3061	8	40.0	26	6	AR197311	AR197311 Sequence
3062	8	40.0	26	6	AR197618	AR197618 Sequence
3063	8	40.0	26	6	AR198226	AR198226 Sequence
3064	8	40.0	26	6	AR259416	AR259416 Sequence
3065	8	40.0	26	6	AR259465	AR259465 Sequence
3066	8	40.0	26	6	AR259772	AR259772 Sequence
3067	8	40.0	26	6	AR260380	AR260380 Sequence
c3068	8	40.0	26	6	AR478045	AR478045 Sequence
c3069	8	40.0	26	6	AR534697	AR534697 Sequence
c3070	8	40.0	26	6	AX004288	AX004288 Sequence
c3071	8	40.0	26	6	AX033319	AX033319 Sequence
c3072	8	40.0	26	6	AX092646	AX092646 Sequence
3073	8	40.0	26	6	AX100094	AX100094 Sequence
3074	8	40.0	26	6	AX101087	AX101087 Sequence
c3075	8	40.0	26	6	AX138374	AX138374 Sequence
3076	8	40.0	26	6	AX146644	AX146644 Sequence
3077	8	40.0	26	6	AX148214	AX148214 Sequence
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3079	8	40.0	26	6	AX300548	AX300548 Sequence
3080	8	40.0	26	6	AX377014	AX377014 Sequence
3081	8	40.0	26	6	AX403013	AX403013 Sequence
c3082	8	40.0	26	6	AX449631	AX449631 Sequence
c3083	8	40.0	26	6	AX474264	AX474264 Sequence
3084	8	40.0	26	6	AX498198	AX498198 Sequence
3085	8	40.0	26	6	AX511768	AX511768 Sequence
3086	8	40.0	26	6	AX511771	AX511771 Sequence
3087	8	40.0	26	6	AX512433	AX512433 Sequence
3088	8	40.0	26	6	AX546600	AX546600 Sequence
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c3091	8	40.0	26	6	AX613337	AX613337 Sequence
3092	8	40.0	26	6	AX614078	AX614078 Sequence
3093	8	40.0	26	6	AX642814	AX642814 Sequence
3094	8	40.0	26	6	AX642817	AX642817 Sequence
3095	8	40.0	26	6	AX696978	AX696978 Sequence
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3097	8	40.0	26	6	AX826814	AX826814 Sequence
c3098	8	40.0	26	6	BD011627	BD011627 Recombina
c3099	8	40.0	26	6	BD078145	BD078145 Modulator
c3100	8	40.0	26	6	BD084836	BD084836 Diagnosis
c3101	8	40.0	27	6	A14110	A14110 oligonucleo
c3102	8	40.0	27	6	A40975	A40975 Sequence 44
c3103	8	40.0	27	6	A44348	A44348 Sequence 26
c3104	8	40.0	27	6	A80281	A80281 Sequence 26
c3105	8	40.0	27	6	A95116	A95116 Sequence 3
3106	8	40.0	27	6	AR012215	AR012215 Sequence
3107	8	40.0	27	6	AR019387	AR019387 Sequence
3108	8	40.0	27	6	AR022076	AR022076 Sequence
3109	8	40.0	27	6	AR028940	AR028940 Sequence
3110	8	40.0	27	6	AR049630	AR049630 Sequence
c3111	8	40.0	27	6	AR076554	AR076554 Sequence
3112	8	40.0	27	6	AR089011	AR089011 Sequence
c3113	8	40.0	27	6	AR090883	AR090883 Sequence
c3114	8	40.0	27	6	AR106183	AR106183 Sequence
3115	8	40.0	27	6	AR109875	AR109875 Sequence
c3116	8	40.0	27	6	AR123041	AR123041 Sequence
3117	8	40.0	27	6	AR138967	AR138967 Sequence
c3118	8	40.0	27	6	AR143785	AR143785 Sequence
3119	8	40.0	27	6	AR145287	AR145287 Sequence
3120	8	40.0	27	6	AR146275	AR146275 Sequence
3121	8	40.0	27	6	BD143976	BD143976 Human bla
3122	8	40.0	27	6	BD162075	BD162075 Method fo
c3123	8	40.0	27	6	BD168546	BD168546 Cells pro
c3124	8	40.0	27	6	BD168564	BD168564 Cells pro
c3125	8	40.0	27	6	BD170142	BD170142 Method of
3126	8	40.0	27	6	BD171936	BD171936 Prolactin
c3127	8	40.0	27	6	BD175002	BD175002 Cis-regul
c3128	8	40.0	27	6	BD175004	BD175004 Cis-regul
3129	8	40.0	27	6	BD206611	BD206611 Enzymatic
3130	8	40.0	27	6	BD207973	BD207973 Enzymatic
3131	8	40.0	27	6	BD208060	BD208060 Enzymatic
3132	8	40.0	27	6	BD233791	BD233791 Polynucle
c3133	8	40.0	27	6	BD247334	BD247334 Identific
c3134	8	40.0	27	6	BD272561	BD272561 PRRSV vac
c3135	8	40.0	27	6	BD273365	BD273365 Adenoviru
3136	8	40.0	27	6	CQ774416	CQ774416 Sequence
c3137	8	40.0	27	6	CQ828300	CQ828300 Sequence
c3138	8	40.0	27	6	E22834	E22834 Promoter se
3139	8	40.0	27	6	E43669	E43669 Novel G pro
3140	8	40.0	27	6	E47024	E47024 Simulataneo
3141	8	40.0	27	6	I07985	I07985 Sequence 1
3142	8	40.0	27	6	I07987	I07987 Sequence 3
3143	8	40.0	27	6	I28695	I28695 Sequence 17
3144	8	40.0	27	6	I28697	I28697 Sequence 19
c3145	8	40.0	27	6	I46787	I46787 Sequence 27
3146	8	40.0	27	6	I46788	I46788 Sequence 28
3147	8	40.0	27	6	I82349	I82349 Sequence 22
3148	8	40.0	27	6	I82350	I82350 Sequence 23
3149	8	40.0	27	6	I92866	I92866 Sequence 40
3150	8	40.0	27	6	AR185107	AR185107 Sequence
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3152	8	40.0	27	6	AR191444	AR191444 Sequence
c3153	8	40.0	27	6	AR197918	AR197918 Sequence
c3154	8	40.0	27	6	AR239034	AR239034 Sequence
c3155	8	40.0	27	6	AR257252	AR257252 Sequence
c3156	8	40.0	27	6	AR257499	AR257499 Sequence
c3157	8	40.0	27	6	AR260072	AR260072 Sequence
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3159	8	40.0	27	6	AR268107	AR268107 Sequence
3160	8	40.0	27	6	AR268108	AR268108 Sequence
3161	8	40.0	27	6	AR281745	AR281745 Sequence
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c3163	8	40.0	27	6	AR393457	AR393457 Sequence
3164	8	40.0	27	6	AR399412	AR399412 Sequence
c3165	8	40.0	27	6	AR431284	AR431284 Sequence
c3166	8	40.0	27	6	AR439661	AR439661 Sequence
3167	8	40.0	27	6	AR452494	AR452494 Sequence
3168	8	40.0	27	6	AR478032	AR478032 Sequence
c3169	8	40.0	27	6	AR564366	AR564366 Sequence
3170	8	40.0	27	6	AR567680	AR567680 Sequence
c3171	8	40.0	27	6	AX000529	AX000529 Sequence
c3172	8	40.0	27	6	AX034753	AX034753 Sequence
3173	8	40.0	27	6	AX046108	AX046108 Sequence
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c3175	8	40.0	27	6	AX069214	AX069214 Sequence
3176	8	40.0	27	6	AX115076	AX115076 Sequence
c3177	8	40.0	27	6	AX115272	AX115272 Sequence
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3179	8	40.0	27	6	AX138353	AX138353 Sequence
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c3181	8	40.0	27	6	AX278836	AX278836 Sequence
3182	8	40.0	27	6	AX287017	AX287017 Sequence
3183	8	40.0	27	6	AX298005	AX298005 Sequence
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3185	8	40.0	27	6	AX317463	AX317463 Sequence
3186	8	40.0	27	6	AX402146	AX402146 Sequence
3187	8	40.0	27	6	AX405311	AX405311 Sequence
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3189	8	40.0	27	6	AX523689	AX523689 Sequence
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3191	8	40.0	27	6	AX643043	AX643043 Sequence
3192	8	40.0	27	6	AX686116	AX686116 Sequence
c3193	8	40.0	27	6	AX706075	AX706075 Sequence
c3194	8	40.0	27	6	AX751501	AX751501 Sequence
3195	8	40.0	27	6	AX770039	AX770039 Sequence
3196	8	40.0	27	6	AX781568	AX781568 Sequence
3197	8	40.0	27	6	AX781569	AX781569 Sequence
3198	8	40.0	27	6	AX781608	AX781608 Sequence
3199	8	40.0	27	6	BD011614	BD011614 Recombina
c3200	8	40.0	27	6	BD073362	BD073362 Gene for
3201	8	40.0	27	6	BD101757	BD101757 Prolactin
c3202	8	40.0	27	9	HSLAM003	Z68954 H.sapiens m
c3203	8	40.0	28	6	A45678	A45678 Sequence 9
3204	8	40.0	28	6	AR007294	AR007294 Sequence
3205	8	40.0	28	6	AR016337	AR016337 Sequence
3206	8	40.0	28	6	AR083588	AR083588 Sequence
c3207	8	40.0	28	6	AR090298	AR090298 Sequence
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3209	8	40.0	28	6	AR091154	AR091154 Sequence
3210	8	40.0	28	6	AR119198	AR119198 Sequence
c3211	8	40.0	28	6	AR120087	AR120087 Sequence
c3212	8	40.0	28	6	AR120088	AR120088 Sequence
3213	8	40.0	28	6	AR120089	AR120089 Sequence
3214	8	40.0	28	6	AR160413	AR160413 Sequence
3215	8	40.0	28	6	BD134516	BD134516 Method fo
3216	8	40.0	28	6	BD174103	BD174103 Method of
3217	8	40.0	28	6	BD186119	BD186119 Apoptosis
3218	8	40.0	28	6	BD187455	BD187455 Apoptosis
3219	8	40.0	28	6	BD251196	BD251196 Cells for
3220	8	40.0	28	6	BD268205	BD268205 Adenoviru
c3221	8	40.0	28	6	CQ755209	CQ755209 Sequence
3222	8	40.0	28	6	CQ792285	CQ792285 Sequence
c3223	8	40.0	28	6	CQ813554	CQ813554 Sequence
c3224	8	40.0	28	6	CQ868564	CQ868564 Sequence
3225	8	40.0	28	6	E23769	E23769 Immortalize
3226	8	40.0	28	6	E38335	E38335 Process for
3227	8	40.0	28	6	E59925	E59925 Human male-
3228	8	40.0	28	6	I02145	I02145 Sequence 3
c3229	8	40.0	28	6	I25476	I25476 Sequence 5
3230	8	40.0	28	6	I34921	I34921 Sequence 7
3231	8	40.0	28	6	I59961	I59961 Sequence 16
3232	8	40.0	28	6	I76387	I76387 Sequence 2
3233	8	40.0	28	6	I82032	I82032 Sequence 71
3234	8	40.0	28	6	I83807	I83807 Sequence 2
3235	8	40.0	28	6	I86042	I86042 Sequence 16
3236	8	40.0	28	6	I86135	I86135 Sequence 2
3237	8	40.0	28	6	I86229	I86229 Sequence 2
3238	8	40.0	28	6	I91720	I91720 Sequence 70
3239	8	40.0	28	6	AR184475	AR184475 Sequence
c3240	8	40.0	28	6	AR193538	AR193538 Sequence
c3241	8	40.0	28	6	AR197333	AR197333 Sequence
c3242	8	40.0	28	6	AR198003	AR198003 Sequence
3243	8	40.0	28	6	AR198189	AR198189 Sequence
3244	8	40.0	28	6	AR216835	AR216835 Sequence
c3245	8	40.0	28	6	AR259487	AR259487 Sequence
c3246	8	40.0	28	6	AR260157	AR260157 Sequence
3247	8	40.0	28	6	AR260343	AR260343 Sequence
3248	8	40.0	28	6	AR301322	AR301322 Sequence
3249	8	40.0	28	6	AR340517	AR340517 Sequence
3250	8	40.0	28	6	AR369638	AR369638 Sequence
3251	8	40.0	28	6	AR488250	AR488250 Sequence
c3252	8	40.0	28	6	AR564349	AR564349 Sequence
3253	8	40.0	28	6	AX002488	AX002488 Sequence
c3254	8	40.0	28	6	AX009269	AX009269 Sequence
3255	8	40.0	28	6	AX025201	AX025201 Sequence
3256	8	40.0	28	6	AX050295	AX050295 Sequence
3257	8	40.0	28	6	AX230234	AX230234 Sequence
c3258	8	40.0	28	6	AX239616	AX239616 Sequence
3259	8	40.0	28	6	AX288128	AX288128 Sequence
c3260	8	40.0	28	6	AX300886	AX300886 Sequence
3261	8	40.0	28	6	AX356038	AX356038 Sequence
c3262	8	40.0	28	6	AX356072	AX356072 Sequence
3263	8	40.0	28	6	AX356075	AX356075 Sequence
3264	8	40.0	28	6	AX698631	AX698631 Sequence
3265	8	40.0	28	6	AX765938	AX765938 Sequence
c3266	8	40.0	28	6	AX769942	AX769942 Sequence
3267	8	40.0	28	6	AX798033	AX798033 Sequence
c3268	8	40.0	28	6	AX928052	AX928052 Sequence
3269	8	40.0	28	6	BD008984	BD008984 SpsA poly
3270	8	40.0	28	6	BD009197	BD009197 Novel Sps
3271	8	40.0	28	6	BD011841	BD011841 Liver fun
3272	8	40.0	28	6	BD016850	BD016850 Novel cyt
c3273	8	40.0	28	6	BD016906	BD016906 Rice-orig
3274	8	40.0	28	6	BD021937	BD021937 Packaging
3275	8	40.0	28	6	BD064721	BD064721 Liver fun
3276	8	40.0	28	6	BD069790	BD069790 Novel epi
c3277	8	40.0	28	6	BD084835	BD084835 Diagnosis
c3278	8	40.0	28	6	BD095712	BD095712 Novel gua
3279	8	40.0	28	6	BD095714	BD095714 Novel gua
c3280	8	40.0	28	8	ATH527429	AJ527429 Arabidops
3281	8	40.0	29	6	A08998	A08998 Oligonucleo
c3282	8	40.0	29	6	A24387	A24387 primer 5' I
c3283	8	40.0	29	6	A74247	A74247 Sequence 3
3284	8	40.0	29	6	A84658	A84658 Sequence 4
3285	8	40.0	29	6	AR004994	AR004994 Sequence
c3286	8	40.0	29	6	AR004995	AR004995 Sequence
3287	8	40.0	29	6	AR037986	AR037986 Sequence
3288	8	40.0	29	6	AR058916	AR058916 Sequence
c3289	8	40.0	29	6	AR123179	AR123179 Sequence
3290	8	40.0	29	6	AR124780	AR124780 Sequence
3291	8	40.0	29	6	BD139967	BD139967 Secreted
3292	8	40.0	29	6	BD167294	BD167294 Proces fo
3293	8	40.0	29	6	BD167437	BD167437 Diagnosti
3294	8	40.0	29	6	BD168714	BD168714 Method of
3295	8	40.0	29	6	BD168815	BD168815 A method
3296	8	40.0	29	6	BD168985	BD168985 Method of
3297	8	40.0	29	6	BD170108	BD170108 Method of
3298	8	40.0	29	6	BD178171	BD178171 A method
3299	8	40.0	29	6	BD182730	BD182730 Method of
3300	8	40.0	29	6	BD187723	BD187723 A method
3301	8	40.0	29	6	BD192251	BD192251 Secreted
3302	8	40.0	29	6	BD198165	BD198165 Method an
3303	8	40.0	29	6	BD198344	BD198344 Method an
3304	8	40.0	29	6	BD198345	BD198345 Method an

3305	8	40.0	29	6	BD198346	BD198346 Method an
3306	8	40.0	29	6	BD198379	BD198379 Method an
3307	8	40.0	29	6	BD227387	BD227387 Secreted
3308	8	40.0	29	6	BD252516	BD252516 Regulatio
c3309	8	40.0	29	6	BD252719	BD252719 Regulatio
c3310	8	40.0	29	6	BD252720	BD252720 Regulatio
3311	8	40.0	29	6	BD253409	BD253409 Regulatio
c3312	8	40.0	29	6	BD253431	BD253431 Regulatio
c3313	8	40.0	29	6	BD253432	BD253432 Regulatio
c3314	8	40.0	29	6	BD253435	BD253435 Regulatio
c3315	8	40.0	29	6	BD256015	BD256015 Regulatio
c3316	8	40.0	29	6	BD256017	BD256017 Regulatio
3317	8	40.0	29	6	BD257202	BD257202 Regulatio
3318	8	40.0	29	6	BD257345	BD257345 Regulatio
3319	8	40.0	29	6	BD258644	BD258644 Regulatio
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c3321	8	40.0	29	6	BD271405	BD271405 Molecular
c3322	8	40.0	29	6	CQ815736	CQ815736 Sequence
c3323	8	40.0	29	6	CQ815745	CQ815745 Sequence
3324	8	40.0	29	6	CQ881843	CQ881843 Sequence
3325	8	40.0	29	6	E10773	E10773 PCR primer
3326	8	40.0	29	6	E10802	E10802 PCR primer
3327	8	40.0	29	6	E12652	E12652 Primer. 4/1
c3328	8	40.0	29	6	E12653	E12653 Primer. 4/1
c3329	8	40.0	29	6	E58949	E58949 Method for
c3330	8	40.0	29	6	E59456	E59456 Endoplasmic
c3331	8	40.0	29	6	I13684	I13684 Sequence 40
c3332	8	40.0	29	6	I22161	I22161 Sequence 20
3333	8	40.0	29	6	I82030	I82030 Sequence 69
3334	8	40.0	29	6	I91718	I91718 Sequence 68
c3335	8	40.0	29	6	AR202360	AR202360 Sequence
c3336	8	40.0	29	6	AR229094	AR229094 Sequence
3337	8	40.0	29	6	AR349862	AR349862 Sequence
c3338	8	40.0	29	6	AR366332	AR366332 Sequence
c3339	8	40.0	29	6	AR372825	AR372825 Sequence
3340	8	40.0	29	6	AR372826	AR372826 Sequence
c3341	8	40.0	29	6	AR443164	AR443164 Sequence
c3342	8	40.0	29	6	AR443198	AR443198 Sequence
3343	8	40.0	29	6	AR443205	AR443205 Sequence
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3351	8	40.0	29	6	AX081291	AX081291 Sequence
c3352	8	40.0	29	6	AX154519	AX154519 Sequence
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3358	8	40.0	29	6	AX287024	AX287024 Sequence
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3368	8	40.0	29	6	AX590436	AX590436 Sequence
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c3371	8	40.0	29	6	BD006315	BD006315 Alpha vir
c3372	8	40.0	29	6	BD006319	BD006319 Alpha vir
3373	8	40.0	29	6	BD084206	BD084206 Non human
c3374	8	40.0	29	6	BD091007	BD091007 Assay emp
3375	8	40.0	30	6	A02513	A02513 Nucleotide
c3376	8	40.0	30	6	A07226	A07226 Oligonucleo
c3377	8	40.0	30	6	A13539	A13539 oligonucleo
c3378	8	40.0	30	6	A13560	A13560 oligonucleo
c3379	8	40.0	30	6	A14210	A14210 oligonucleo
3380	8	40.0	30	6	A16053	A16053 oligonucleo
c3381	8	40.0	30	6	A17165	A17165 Oligonucleo
3382	8	40.0	30	6	A23831	A23831 Artificial
c3383	8	40.0	30	6	A24740	A24740 primer 678.
c3384	8	40.0	30	6	A35261	A35261 Synthetic o
c3385	8	40.0	30	6	A51806	A51806 Sequence 2
c3386	8	40.0	30	6	A60243	A60243 Sequence 10
3387	8	40.0	30	6	AR007255	AR007255 Sequence
3388	8	40.0	30	6	AR011962	AR011962 Sequence
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3395	8	40.0	30	6	AR031754	AR031754 Sequence
3396	8	40.0	30	6	AR038087	AR038087 Sequence
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3399	8	40.0	30	6	AR062459	AR062459 Sequence
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c3412	8	40.0	30	6	AR125838	AR125838 Sequence
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3414	8	40.0	30	6	AR130378	AR130378 Sequence
c3415	8	40.0	30	6	AR138647	AR138647 Sequence
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3417	8	40.0	30	6	AR154128	AR154128 Sequence
c3418	8	40.0	30	6	AR161735	AR161735 Sequence
3419	8	40.0	30	6	AR169720	AR169720 Sequence
3420	8	40.0	30	6	AR170041	AR170041 Sequence
3421	8	40.0	30	6	AR170468	AR170468 Sequence
c3422	8	40.0	30	6	BD141788	BD141788 Novel G p
c3423	8	40.0	30	6	BD143378	BD143378 Oligonucl
3424	8	40.0	30	6	BD143551	BD143551 Nucleic a
c3425	8	40.0	30	6	BD173670	BD173670 Novel phy
c3426	8	40.0	30	6	BD178392	BD178392 Novel clo
c3427	8	40.0	30	6	BD181739	BD181739 Novel G p
c3428	8	40.0	30	6	BD218035	BD218035 Regulatio
3429	8	40.0	30	6	BD218040	BD218040 Regulatio
3430	8	40.0	30	6	BD226820	BD226820 Alphaviru
3431	8	40.0	30	6	BD226821	BD226821 Alphaviru
c3432	8	40.0	30	6	BD227498	BD227498 Targeted
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3436	8	40.0	30	6	CQ829849	CQ829849 Sequence
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c3438	8	40.0	30	6	CQ859414	CQ859414 Sequence
3439	8	40.0	30	6	CQ859444	CQ859444 Sequence
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3441	8	40.0	30	6	E39970	E39970 Novel prote
c3442	8	40.0	30	6	E55266	E55266 Novel metal
3443	8	40.0	30	6	E63132	E63132 Amino acid
3444	8	40.0	30	6	I06394	I06394 Sequence 14
c3445	8	40.0	30	6	I11986	I11986 Sequence 98
3446	8	40.0	30	6	I12239	I12239 Sequence 15
3447	8	40.0	30	6	I12546	I12546 Sequence 15
c3448	8	40.0	30	6	I14992	I14992 Sequence 78
3449	8	40.0	30	6	I16004	I16004 Sequence 7
c3450	8	40.0	30	6	I16194	I16194 Sequence 20

c3451	8	40.0	30	6	I16197	I16197 Sequence 23
3452	8	40.0	30	6	I27745	I27745 Sequence 33
3453	8	40.0	30	6	I28167	I28167 Sequence 10
c3454	8	40.0	30	6	I41377	I41377 Sequence 5
c3455	8	40.0	30	6	I47250	I47250 Sequence 18
c3456	8	40.0	30	6	I66680	I66680 Sequence 20
c3457	8	40.0	30	6	I66683	I66683 Sequence 23
c3458	8	40.0	30	6	I73712	I73712 Sequence 78
c3459	8	40.0	30	6	I84774	I84774 Sequence 20
c3460	8	40.0	30	6	I84777	I84777 Sequence 23
c3461	8	40.0	30	6	AR197142	AR197142 Sequence
c3462	8	40.0	30	6	AR213436	AR213436 Sequence
c3463	8	40.0	30	6	AR224345	AR224345 Sequence
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3465	8	40.0	30	6	AR235772	AR235772 Sequence
3466	8	40.0	30	6	AR243303	AR243303 Sequence
3467	8	40.0	30	6	AR243304	AR243304 Sequence
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3469	8	40.0	30	6	AR255352	AR255352 Sequence
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3475	8	40.0	30	6	AR274266	AR274266 Sequence
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3481	8	40.0	30	6	AR306692	AR306692 Sequence
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3484	8	40.0	30	6	AR340074	AR340074 Sequence
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3493	8	40.0	30	6	AR412199	AR412199 Sequence
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3495	8	40.0	30	6	AR455462	AR455462 Sequence
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c3514	8	40.0	30	6	AX768205	AX768205 Sequence
c3515	8	40.0	30	6	AX791558	AX791558 Sequence
c3516	8	40.0	30	6	AX792251	AX792251 Sequence
3517	8	40.0	30	6	AX793192	AX793192 Sequence
c3518	8	40.0	30	6	AX793987	AX793987 Sequence
3519	8	40.0	30	6	AX805593	AX805593 Sequence
3520	8	40.0	30	6	AX815281	AX815281 Sequence
c3521	8	40.0	30	6	AX959244	AX959244 Sequence
c3522	8	40.0	30	6	BD001230	BD001230 Method an
c3523	8	40.0	30	6	BD001659	BD001659 Method an
3524	8	40.0	30	6	BD102293	BD102293 Method fo
3525	8	40.0	30	6	BD107123	BD107123 Monoclona
c3526	8	40.0	30	6	BD107129	BD107129 Monoclona
c3527	8	40.0	30	6	BD107142	BD107142 Monoclona
c3528	8	40.0	30	7	PFDFRGMNTF	L07964 Bacteriopha
c3529	8	40.0	30	9	S72605	S72605 TcR gamma =
c3530	8	40.0	30	10	MMA159	X63492 M.musculus
c3531	8	40.0	30	10	MMF10154	X67379 M.musculus
c3532	8	40.0	31	6	A06402	A06402 Oligonucleo
c3533	8	40.0	31	6	A44883	A44883 Sequence 7
c3534	8	40.0	31	6	A44889	A44889 Sequence 13
c3535	8	40.0	31	6	A44895	A44895 Sequence 19
c3536	8	40.0	31	6	A44899	A44899 Sequence 23
3537	8	40.0	31	6	A69107	A69107 Sequence 25
3538	8	40.0	31	6	A98937	A98937 Sequence 4
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c3540	8	40.0	31	6	AR003418	AR003418 Sequence
3541	8	40.0	31	6	AR008910	AR008910 Sequence
3542	8	40.0	31	6	AR087605	AR087605 Sequence
c3543	8	40.0	31	6	AR090261	AR090261 Sequence
c3544	8	40.0	31	6	AR119707	AR119707 Sequence
c3545	8	40.0	31	6	AR119708	AR119708 Sequence
3546	8	40.0	31	6	AR123918	AR123918 Sequence
c3547	8	40.0	31	6	AR154424	AR154424 Sequence
3548	8	40.0	31	6	BD133411	BD133411 Method fo
3549	8	40.0	31	6	BD138798	BD138798 Alphaviru
3550	8	40.0	31	6	BD182609	BD182609 Anti TRAI
c3551	8	40.0	31	6	BD187635	BD187635 Glutamina
c3552	8	40.0	31	6	BD235947	BD235947 Polyketid
c3553	8	40.0	31	6	BD273210	BD273210 Methods f
c3554	8	40.0	31	6	BD273215	BD273215 Methods f
3555	8	40.0	31	6	CQ759693	CQ759693 Sequence
c3556	8	40.0	31	6	CQ759694	CQ759694 Sequence
c3557	8	40.0	31	6	CQ798247	CQ798247 Sequence
c3558	8	40.0	31	6	CQ813745	CQ813745 Sequence
3559	8	40.0	31	6	CQ841092	CQ841092 Sequence
3560	8	40.0	31	6	E12849	E12849 Primer. 4/1
3561	8	40.0	31	6	E58948	E58948 Method for
c3562	8	40.0	31	6	I21201	I21201 Sequence 47
c3563	8	40.0	31	6	I21207	I21207 Sequence 53
3564	8	40.0	31	6	I36252	I36252 Sequence 5
c3565	8	40.0	31	6	I37085	I37085 Sequence 98
c3566	8	40.0	31	6	I37086	I37086 Sequence 99
c3567	8	40.0	31	6	I38322	I38322 Sequence 9
c3568	8	40.0	31	6	I38323	I38323 Sequence 10
c3569	8	40.0	31	6	I74468	I74468 Sequence 47
c3570	8	40.0	31	6	I74474	I74474 Sequence 53
c3571	8	40.0	31	6	I82179	I82179 Sequence 7
c3572	8	40.0	31	6	I82185	I82185 Sequence 13
c3573	8	40.0	31	6	I82191	I82191 Sequence 19
c3574	8	40.0	31	6	I82195	I82195 Sequence 23
3575	8	40.0	31	6	I92490	I92490 Sequence 5
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c3577	8	40.0	31	6	I93936	I93936 Sequence 99
3578	8	40.0	31	6	AR195910	AR195910 Sequence
3579	8	40.0	31	6	AR195914	AR195914 Sequence
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c3581	8	40.0	31	6	AR213636	AR213636 Sequence
c3582	8	40.0	31	6	AR258756	AR258756 Sequence
c3583	8	40.0	31	6	AR258757	AR258757 Sequence
c3584	8	40.0	31	6	AR259450	AR259450 Sequence
c3585	8	40.0	31	6	AR271648	AR271648 Sequence
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3588	8	40.0	31	6	AX192433	AX192433 Sequence
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3592	8	40.0	31	6	AX228859	AX228859 Sequence
3593	8	40.0	31	6	AX228937	AX228937 Sequence
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c3596	8	40.0	31	6	AX248452	AX248452 Sequence

3597	8	40.0	31	6	AX248561	AX248561 Sequence
3598	8	40.0	31	6	AX249432	AX249432 Sequence
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3600	8	40.0	31	6	AX249580	AX249580 Sequence
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c3602	8	40.0	31	6	AX249670	AX249670 Sequence
c3603	8	40.0	31	6	AX404690	AX404690 Sequence
3604	8	40.0	31	6	AX477731	AX477731 Sequence
c3605	8	40.0	31	6	AX477732	AX477732 Sequence
c3606	8	40.0	31	6	AX582636	AX582636 Sequence
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c3608	8	40.0	31	6	AX805951	AX805951 Sequence
3609	8	40.0	31	6	BD002435	BD002435 Gene comp
c3610	8	40.0	31	6	BD002962	BD002962 Gene comp
c3611	8	40.0	31	6	BD007038	BD007038 Interleuk
c3612	8	40.0	31	6	BD057694	BD057694 Fusion pr
3613	8	40.0	31	6	BD080590	BD080590 MPL ligan
c3614	8	40.0	31	6	BD081524	BD081524 Soluble s
3615	8	40.0	31	6	BD131662	BD131662 Inhibitor
3616	8	40.0	32	6	A69753	A69753 Sequence 2
3617	8	40.0	32	6	A71952	A71952 Sequence 14
3618	8	40.0	32	6	AR001133	AR001133 Sequence
3619	8	40.0	32	6	AR147140	AR147140 Sequence
c3620	8	40.0	32	6	AR154125	AR154125 Sequence
c3621	8	40.0	32	6	AR157477	AR157477 Sequence
3622	8	40.0	32	6	BD173596	BD173596 Novel G p
c3623	8	40.0	32	6	BD187583	BD187583 Gel-fille
3624	8	40.0	32	6	BD192882	BD192882 Retrovira
c3625	8	40.0	32	6	BD218278	BD218278 Newcastle
3626	8	40.0	32	6	BD259985	BD259985 Polynucle
c3627	8	40.0	32	6	BD271138	BD271138 Methods a
3628	8	40.0	32	6	CQ759446	CQ759446 Sequence
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3630	8	40.0	32	6	CQ827783	CQ827783 Sequence
3631	8	40.0	32	6	CQ878186	CQ878186 Sequence
3632	8	40.0	32	6	E09794	E09794 Mutation pr
3633	8	40.0	32	6	E15853	E15853 PCR primer
c3634	8	40.0	32	6	E26143	E26143 Novel brain
c3635	8	40.0	32	6	E39125	E39125 Porous fibe
c3636	8	40.0	32	6	E39436	E39436 Hollow fibe
c3637	8	40.0	32	6	E39440	E39440 Fiber carry
c3638	8	40.0	32	6	E41174	E41174 Nucleic aci
c3639	8	40.0	32	6	E41580	E41580 Nucleic aci
c3640	8	40.0	32	6	E47045	E47045 Biopolymer-
c3641	8	40.0	32	6	E49187	E49187 Nucleic aci
c3642	8	40.0	32	6	E50120	E50120 Porous holl
c3643	8	40.0	32	6	E59660	E59660 Laminate of
c3644	8	40.0	32	6	E59664	E59664 Laminate of
c3645	8	40.0	32	6	E64337	E64337 Nucleic aci
c3646	8	40.0	32	6	I52172	I52172 Sequence 15
c3647	8	40.0	32	6	I82332	I82332 Sequence 5
3648	8	40.0	32	6	AR229773	AR229773 Sequence
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3650	8	40.0	32	6	AR229779	AR229779 Sequence
3651	8	40.0	32	6	AR229781	AR229781 Sequence
3652	8	40.0	32	6	AR229783	AR229783 Sequence
3653	8	40.0	32	6	AR229787	AR229787 Sequence
3654	8	40.0	32	6	AR236301	AR236301 Sequence
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c3656	8	40.0	32	6	AR268090	AR268090 Sequence
c3657	8	40.0	32	6	AR364450	AR364450 Sequence
3658	8	40.0	32	6	AR366340	AR366340 Sequence
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3660	8	40.0	32	6	AX002760	AX002760 Sequence
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3663	8	40.0	32	6	AX030991	AX030991 Sequence
3664	8	40.0	32	6	AX045471	AX045471 Sequence
c3665	8	40.0	32	6	AX101290	AX101290 Sequence
3666	8	40.0	32	6	AX107325	AX107325 Sequence
c3667	8	40.0	32	6	AX184024	AX184024 Sequence
c3668	8	40.0	32	6	AX320735	AX320735 Sequence
c3669	8	40.0	32	6	AX769753	AX769753 Sequence
c3670	8	40.0	32	6	AX769754	AX769754 Sequence
3671	8	40.0	32	6	AX928441	AX928441 Sequence
3672	8	40.0	32	6	BD009828	BD009828 Avian pol
c3673	8	40.0	32	6	BD013864	BD013864 Process f
c3674	8	40.0	32	6	BD014322	BD014322 Film lami
c3675	8	40.0	32	6	BD017185	BD017185 Living bo
3676	8	40.0	32	6	BD094221	BD094221 Genes for
3677	8	40.0	33	6	A45674	A45674 Sequence 5
3678	8	40.0	33	6	A45675	A45675 Sequence 6
3679	8	40.0	33	6	A45676	A45676 Sequence 7
3680	8	40.0	33	6	A45677	A45677 Sequence 8
3681	8	40.0	33	6	A74248	A74248 Sequence 4
3682	8	40.0	33	6	AR000516	AR000516 Sequence
c3683	8	40.0	33	6	AR019007	AR019007 Sequence
c3684	8	40.0	33	6	AR022350	AR022350 Sequence
c3685	8	40.0	33	6	AR075850	AR075850 Sequence
3686	8	40.0	33	6	AR084173	AR084173 Sequence
c3687	8	40.0	33	6	AR111602	AR111602 Sequence
c3688	8	40.0	33	6	AR144458	AR144458 Sequence
c3689	8	40.0	33	6	AR147002	AR147002 Sequence
c3690	8	40.0	33	6	AR158228	AR158228 Sequence
c3691	8	40.0	33	6	AR164568	AR164568 Sequence
3692	8	40.0	33	6	AR176225	AR176225 Sequence
3693	8	40.0	33	6	BD195015	BD195015 Equine in
3694	8	40.0	33	6	BD221603	BD221603 Soluble d
3695	8	40.0	33	6	CQ490305	CQ490305 Sequence
3696	8	40.0	33	6	CQ496165	CQ496165 Sequence
c3697	8	40.0	33	6	E63943	E63943 Primer for
3698	8	40.0	33	6	I34955	I34955 Sequence 41
3699	8	40.0	33	6	AR193534	AR193534 Sequence
3700	8	40.0	33	6	AR193535	AR193535 Sequence
3701	8	40.0	33	6	AR193536	AR193536 Sequence
3702	8	40.0	33	6	AR193537	AR193537 Sequence
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c3704	8	40.0	33	6	AR229772	AR229772 Sequence
c3705	8	40.0	33	6	AR229778	AR229778 Sequence
c3706	8	40.0	33	6	AR229780	AR229780 Sequence
c3707	8	40.0	33	6	AR229782	AR229782 Sequence
c3708	8	40.0	33	6	AR229786	AR229786 Sequence
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c3712	8	40.0	33	6	AR400802	AR400802 Sequence
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3715	8	40.0	33	6	AR567970	AR567970 Sequence
3716	8	40.0	33	6	AX003197	AX003197 Sequence
3717	8	40.0	33	6	AX006500	AX006500 Sequence
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c3723	8	40.0	33	6	AX369413	AX369413 Sequence
c3724	8	40.0	33	6	AX380864	AX380864 Sequence
c3725	8	40.0	33	6	AX494354	AX494354 Sequence
3726	8	40.0	33	6	AX555772	AX555772 Sequence
3727	8	40.0	33	6	AX698714	AX698714 Sequence
3728	8	40.0	33	6	BD012552	BD012552 Method of
c3729	8	40.0	33	6	BD081588	BD081588 Soluble s
c3730	8	40.0	33	6	BD081589	BD081589 Soluble s
c3731	8	40.0	33	6	BD081590	BD081590 Soluble s
3732	8	40.0	33	6	BD091810	BD091810 LKB1 gene
c3733	8	40.0	33	10	MMA118	X63493 M.musculus
3734	8	40.0	34	6	AR003004	AR003004 Sequence
c3735	8	40.0	34	6	AR003387	AR003387 Sequence
c3736	8	40.0	34	6	AR058298	AR058298 Sequence
c3737	8	40.0	34	6	AR089701	AR089701 Sequence
c3738	8	40.0	34	6	BD264012	BD264012 Nucleic a
c3739	8	40.0	34	6	CQ801020	CQ801020 Sequence
3740	8	40.0	34	6	CQ875165	CQ875165 Sequence
c3741	8	40.0	34	6	CQ875185	CQ875185 Sequence
c3742	8	40.0	34	6	I21176	I21176 Sequence 22

c3743	8	40.0	34	6	I74443	I74443 Sequence 22
c3744	8	40.0	34	6	AR343626	AR343626 Sequence
3745	8	40.0	34	6	AR366285	AR366285 Sequence
3746	8	40.0	34	6	AR404540	AR404540 Sequence
3747	8	40.0	34	6	AX057955	AX057955 Sequence
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c3749	8	40.0	34	6	AX225253	AX225253 Sequence
c3750	8	40.0	34	6	AX302652	AX302652 Sequence
3751	8	40.0	34	6	AX406544	AX406544 Sequence
3752	8	40.0	34	6	AX406563	AX406563 Sequence
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3754	8	40.0	34	6	AX721800	AX721800 Sequence
3755	8	40.0	34	6	AX721819	AX721819 Sequence
3756	8	40.0	34	6	AX805721	AX805721 Sequence
c3757	8	40.0	34	6	AX805729	AX805729 Sequence
c3758	8	40.0	34	6	AX814289	AX814289 Sequence
3759	8	40.0	34	6	AX927016	AX927016 Sequence
c3760	8	40.0	34	6	BD084833	BD084833 Diagnosis
3761	8	40.0	34	8	NTA538850	AJ538850 Nicotiana
3762	8	40.0	35	6	A00635	A00635 Nucleotide
c3763	8	40.0	35	6	A00636	A00636 Nucleotide
c3764	8	40.0	35	6	A93723	A93723 Sequence 10
3765	8	40.0	35	6	A93724	A93724 Sequence 11
3766	8	40.0	35	6	BD174930	BD174930 Disease t
3767	8	40.0	35	6	CQ874825	CQ874825 Sequence
3768	8	40.0	35	6	E11199	E11199 Probe. 9/19
3769	8	40.0	35	6	AR202535	AR202535 Sequence
c3770	8	40.0	35	6	AR235773	AR235773 Sequence
c3771	8	40.0	35	6	AR303954	AR303954 Sequence
3772	8	40.0	35	6	AR403652	AR403652 Sequence
c3773	8	40.0	35	6	AR452222	AR452222 Sequence
3774	8	40.0	35	6	AX035164	AX035164 Sequence
3775	8	40.0	35	6	AX073741	AX073741 Sequence
c3776	8	40.0	35	6	AX262314	AX262314 Sequence
3777	8	40.0	35	6	AX590992	AX590992 Sequence
3778	8	40.0	35	6	AX591145	AX591145 Sequence
3779	8	40.0	35	6	AX717568	AX717568 Sequence
3780	8	40.0	35	6	AX814290	AX814290 Sequence
3781	8	40.0	35	6	BD008662	BD008662 Assays an
3782	8	40.0	35	6	BD106705	BD106705 Plastid p
3783	8	40.0	36	6	A91103	A91103 Sequence 6
c3784	8	40.0	36	6	AR003397	AR003397 Sequence
3785	8	40.0	36	6	AR089082	AR089082 Sequence
3786	8	40.0	36	6	AR120404	AR120404 Sequence
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3788	8	40.0	36	6	AR130192	AR130192 Sequence
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3790	8	40.0	36	6	AR140718	AR140718 Sequence
c3791	8	40.0	36	6	BD133707	BD133707 Hybrid en
c3792	8	40.0	36	6	BD171966	BD171966 Prolactin
c3793	8	40.0	36	6	BD226740	BD226740 Soluble T
c3794	8	40.0	36	6	BD232130	BD232130 Multivale
3795	8	40.0	36	6	CQ768417	CQ768417 Sequence
c3796	8	40.0	36	6	CQ801019	CQ801019 Sequence
3797	8	40.0	36	6	CQ841176	CQ841176 Sequence
c3798	8	40.0	36	6	CQ841177	CQ841177 Sequence
3799	8	40.0	36	6	CQ848897	CQ848897 Sequence
c3800	8	40.0	36	6	CQ848898	CQ848898 Sequence
c3801	8	40.0	36	6	E16170	E16170 Primer. 7/1
c3802	8	40.0	36	6	E43699	E43699 Novel G pro
3803	8	40.0	36	6	I15847	I15847 Sequence 21
c3804	8	40.0	36	6	I21186	I21186 Sequence 32
c3805	8	40.0	36	6	I25929	I25929 Sequence 9
3806	8	40.0	36	6	I69114	I69114 Sequence 38
c3807	8	40.0	36	6	I74453	I74453 Sequence 32
3808	8	40.0	36	6	AR242694	AR242694 Sequence
3809	8	40.0	36	6	AR253712	AR253712 Sequence
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3812	8	40.0	36	6	AR335750	AR335750 Sequence
3813	8	40.0	36	6	AR336706	AR336706 Sequence
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3815	8	40.0	36	6	AR428318	AR428318 Sequence
3816	8	40.0	36	6	AR436623	AR436623 Sequence
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3820	8	40.0	36	6	AX026984	AX026984 Sequence
3821	8	40.0	36	6	AX026995	AX026995 Sequence
3822	8	40.0	36	6	AX033568	AX033568 Sequence
3823	8	40.0	36	6	AX034326	AX034326 Sequence
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3825	8	40.0	36	6	AX354299	AX354299 Sequence
3826	8	40.0	36	6	AX363253	AX363253 Sequence
c3827	8	40.0	36	6	AX383979	AX383979 Sequence
c3828	8	40.0	36	6	AX525151	AX525151 Sequence
3829	8	40.0	36	6	AX696767	AX696767 Sequence
3830	8	40.0	36	6	BD000715	BD000715 Drug comp
3831	8	40.0	36	6	BD000717	BD000717 Inhibitor
3832	8	40.0	36	6	BD063413	BD063413 Streptoco
3833	8	40.0	36	6	BD091821	BD091821 LKB1 gene
3834	8	40.0	36	6	BD091947	BD091947 Recombina
c3835	8	40.0	36	6	BD101787	BD101787 Prolactin
c3836	8	40.0	36	9	HSZ95107	Z95107 H.sapiens m
3837	8	40.0	37	6	A31166	A31166 Synthetic D
3838	8	40.0	37	6	A32487	A32487 Synthetic i
c3839	8	40.0	37	6	A37951	A37951 Sequence 14
3840	8	40.0	37	6	A45480	A45480 Sequence 9
c3841	8	40.0	37	6	AR078741	AR078741 Sequence
3842	8	40.0	37	6	AR153409	AR153409 Sequence
3843	8	40.0	37	6	E11529	E11529 PCR primer
3844	8	40.0	37	6	E33461	E33461 Novel mamma
3845	8	40.0	37	6	E36454	E36454 DNA polymer
3846	8	40.0	37	6	I13355	I13355 Sequence 12
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3848	8	40.0	37	6	I43178	I43178 Sequence 35
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3853	8	40.0	37	6	AX190441	AX190441 Sequence
c3854	8	40.0	37	6	AX220097	AX220097 Sequence
c3855	8	40.0	37	6	AX283662	AX283662 Sequence
3856	8	40.0	37	6	AX581563	AX581563 Sequence
3857	8	40.0	37	6	AX581771	AX581771 Sequence
3858	8	40.0	37	6	AX657267	AX657267 Sequence
c3859	8	40.0	37	6	BD073365	BD073365 Gene for
c3860	8	40.0	38	6	A32486	A32486 Synthetic i
3861	8	40.0	38	6	A44428	A44428 Sequence 7
c3862	8	40.0	38	6	A45479	A45479 Sequence 8
3863	8	40.0	38	6	A62506	A62506 Sequence 11
3864	8	40.0	38	6	A62519	A62519 Sequence 24
3865	8	40.0	38	6	A72379	A72379 Sequence 11
3866	8	40.0	38	6	A72392	A72392 Sequence 24
c3867	8	40.0	38	6	A86841	A86841 Sequence 25
3868	8	40.0	38	6	AR003690	AR003690 Sequence
3869	8	40.0	38	6	AR012644	AR012644 Sequence
3870	8	40.0	38	6	AR019479	AR019479 Sequence
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3872	8	40.0	38	6	AR026620	AR026620 Sequence
3873	8	40.0	38	6	AR026790	AR026790 Sequence
3874	8	40.0	38	6	AR027905	AR027905 Sequence
3875	8	40.0	38	6	AR029002	AR029002 Sequence
3876	8	40.0	38	6	AR031983	AR031983 Sequence
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3878	8	40.0	38	6	AR038063	AR038063 Sequence
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3881	8	40.0	38	6	AR049216	AR049216 Sequence
3882	8	40.0	38	6	AR052372	AR052372 Sequence
3883	8	40.0	38	6	AR055170	AR055170 Sequence
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c3887	8	40.0	38	6	AR058107	AR058107 Sequence
c3888	8	40.0	38	6	AR058159	AR058159 Sequence

c3889	8	40.0	38	6	AR058168	AR058168 Sequence
3890	8	40.0	38	6	AR062295	AR062295 Sequence
3891	8	40.0	38	6	AR065474	AR065474 Sequence
3892	8	40.0	38	6	AR065940	AR065940 Sequence
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3894	8	40.0	38	6	AR095409	AR095409 Sequence
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3896	8	40.0	38	6	AR097644	AR097644 Sequence
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c3899	8	40.0	38	6	AR115827	AR115827 Sequence
c3900	8	40.0	38	6	AR115865	AR115865 Sequence
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c3902	8	40.0	38	6	AR115926	AR115926 Sequence
3903	8	40.0	38	6	AR151469	AR151469 Sequence
3904	8	40.0	38	6	AR158041	AR158041 Sequence
3905	8	40.0	38	6	AR159578	AR159578 Sequence
3906	8	40.0	38	6	AR166148	AR166148 Sequence
3907	8	40.0	38	6	BD140959	BD140959 An agent
3908	8	40.0	38	6	BD182371	BD182371 An agent
3909	8	40.0	38	6	BD224105	BD224105 Mammaglob
3910	8	40.0	38	6	BD231611	BD231611 Chromosom
3911	8	40.0	38	6	BD266462	BD266462 Universal
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3913	8	40.0	38	6	CQ877626	CQ877626 Sequence
3914	8	40.0	38	6	E11124	E11124 AmpliFINDER
3915	8	40.0	38	6	E11526	E11526 PCR primer
3916	8	40.0	38	6	E23299	E23299 Antibody ag
3917	8	40.0	38	6	E27068	E27068 Remedy for
3918	8	40.0	38	6	I13146	I13146 Sequence 9
3919	8	40.0	38	6	I15817	I15817 Sequence 44
3920	8	40.0	38	6	I32622	I32622 Sequence 7
3921	8	40.0	38	6	I38346	I38346 Sequence 7
3922	8	40.0	38	6	I41098	I41098 Sequence 1
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3924	8	40.0	38	6	I53703	I53703 Sequence 14
3925	8	40.0	38	6	I65741	I65741 Sequence 10
3926	8	40.0	38	6	I83800	I83800 Sequence 10
3927	8	40.0	38	6	I89257	I89257 Sequence 5
3928	8	40.0	38	6	I92521	I92521 Sequence 44
3929	8	40.0	38	6	AR222691	AR222691 Sequence
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3932	8	40.0	38	6	AR286781	AR286781 Sequence
3933	8	40.0	38	6	AR305144	AR305144 Sequence
c3934	8	40.0	38	6	AR305280	AR305280 Sequence
3935	8	40.0	38	6	AR309248	AR309248 Sequence
c3936	8	40.0	38	6	AR309384	AR309384 Sequence
c3937	8	40.0	38	6	AR316951	AR316951 Sequence
3938	8	40.0	38	6	AR322242	AR322242 Sequence
3939	8	40.0	38	6	AR330311	AR330311 Sequence
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3941	8	40.0	38	6	AR333387	AR333387 Sequence
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3944	8	40.0	38	6	AR398771	AR398771 Sequence
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3968	8	40.0	38	6	BD011899	BD011899 Ameliorat
3969	8	40.0	38	6	BD011955	BD011955 Therapeut
3970	8	40.0	38	6	BD012016	BD012016 Therapeut
3971	8	40.0	38	6	BD012178	BD012178 Antineopl
3972	8	40.0	38	6	BD012903	BD012903 Inhibitin
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3974	8	40.0	38	6	BD070972	BD070972 Novel hum
3975	8	40.0	38	6	BD080829	BD080829 Mammaglob
3976	8	40.0	38	6	BD095473	BD095473 Remedies
3977	8	40.0	38	6	BD095634	BD095634 Stable an
3978	8	40.0	38	6	BD106055	BD106055 Novel LDL
c3979	8	40.0	38	6	BD106191	BD106191 Novel LDL
3980	8	40.0	39	6	A02512	A02512 Nucleotide
3981	8	40.0	39	6	A16052	A16052 oligonucleo
3982	8	40.0	39	6	A91102	A91102 Sequence 5
3983	8	40.0	39	6	AR001585	AR001585 Sequence
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3985	8	40.0	39	6	AR001591	AR001591 Sequence
c3986	8	40.0	39	6	AR003423	AR003423 Sequence
3987	8	40.0	39	6	AR008948	AR008948 Sequence
c3988	8	40.0	39	6	AR050488	AR050488 Sequence
3989	8	40.0	39	6	AR085820	AR085820 Sequence
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3991	8	40.0	39	6	AR116991	AR116991 Sequence
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c3993	8	40.0	39	6	AR124616	AR124616 Sequence
c3994	8	40.0	39	6	BD132711	BD132711 Regulator
c3995	8	40.0	39	6	BD174033	BD174033 Remedy fo
c3996	8	40.0	39	6	BD195948	BD195948 Fatty acy
c3997	8	40.0	39	6	BD236892	BD236892 Aliphatic
c3998	8	40.0	39	6	BD274965	BD274965 POLYNUCLE
3999	8	40.0	39	6	CQ753999	CQ753999 Sequence
4000	8	40.0	39	6	CQ754001	CQ754001 Sequence
4001	8	40.0	39	6	CQ754017	CQ754017 Sequence
4002	8	40.0	39	6	E09674	E09674 PCR primer.
4003	8	40.0	39	6	E40051	E40051 Drug contai
4004	8	40.0	39	6	E40859	E40859 Humanized a
4005	8	40.0	39	6	E43405	E43405 Humanized a
4006	8	40.0	39	6	I12238	I12238 Sequence 14
4007	8	40.0	39	6	I12545	I12545 Sequence 14
c4008	8	40.0	39	6	I21212	I21212 Sequence 58
c4009	8	40.0	39	6	I25613	I25613 Sequence 34
4010	8	40.0	39	6	I27103	I27103 Sequence 19
4011	8	40.0	39	6	I58501	I58501 Sequence 4
c4012	8	40.0	39	6	I58503	I58503 Sequence 6
4013	8	40.0	39	6	I58507	I58507 Sequence 10
c4014	8	40.0	39	6	I74479	I74479 Sequence 58
c4015	8	40.0	39	6	AR209014	AR209014 Sequence
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c4017	8	40.0	39	6	AR213630	AR213630 Sequence
c4018	8	40.0	39	6	AR300488	AR300488 Sequence
c4019	8	40.0	39	6	AR341186	AR341186 Sequence
c4020	8	40.0	39	6	AR360776	AR360776 Sequence
c4021	8	40.0	39	6	AR364217	AR364217 Sequence
c4022	8	40.0	39	6	AR366283	AR366283 Sequence
c4023	8	40.0	39	6	AR428765	AR428765 Sequence
c4024	8	40.0	39	6	AR442854	AR442854 Sequence
c4025	8	40.0	39	6	AR474094	AR474094 Sequence
4026	8	40.0	39	6	AR477364	AR477364 Sequence
c4027	8	40.0	39	6	AR482083	AR482083 Sequence
c4028	8	40.0	39	6	AX069507	AX069507 Sequence
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4030	8	40.0	39	6	AX141070	AX141070 Sequence
4031	8	40.0	39	6	AX146940	AX146940 Sequence
4032	8	40.0	39	6	AX194385	AX194385 Sequence
4033	8	40.0	39	6	AX202296	AX202296 Sequence
4034	8	40.0	39	6	AX202297	AX202297 Sequence

c4035	8	40.0	39	6	AX210026	AX210026 Sequence
c4036	8	40.0	39	6	AX683463	AX683463 Sequence
c4037	8	40.0	39	6	AX717311	AX717311 Sequence
c4038	8	40.0	39	6	AX754929	AX754929 Sequence
4039	8	40.0	39	6	BD004799	BD004799 Novel pol
c4040	8	40.0	39	6	BD012778	BD012778 Agent for
c4041	8	40.0	39	6	BD057688	BD057688 Fusion pr
c4042	8	40.0	39	6	BD063504	BD063504 Streptoco
c4043	8	40.0	39	6	BD081518	BD081518 Soluble s
c4044	8	40.0	39	6	BD081587	BD081587 Soluble s
4045	8	40.0	39	6	BD090588	BD090588 Drug cont
4046	8	40.0	39	6	BD090697	BD090697 Drug cont
4047	8	40.0	39	8	ATH551668	AJ551668 Arabidops
c4048	8	40.0	39	9	HSTCELK	X58167 Human T-cel
c4049	8	40.0	39	10	MMPE51RNA	X60914 M.musculus
4050	8	40.0	40	6	A76600	A76600 Sequence 5
c4051	8	40.0	40	6	A76601	A76601 Sequence 6
4052	8	40.0	40	6	A82420	A82420 Sequence 8
4053	8	40.0	40	6	A82443	A82443 Sequence 31
4054	8	40.0	40	6	A95320	A95320 Sequence 4
4055	8	40.0	40	6	AR019545	AR019545 Sequence
4056	8	40.0	40	6	AR043925	AR043925 Sequence
4057	8	40.0	40	6	AR043926	AR043926 Sequence
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c4060	8	40.0	40	6	AR053667	AR053667 Sequence
4061	8	40.0	40	6	AR109506	AR109506 Sequence
c4062	8	40.0	40	6	AR119703	AR119703 Sequence
c4063	8	40.0	40	6	AR123921	AR123921 Sequence
c4064	8	40.0	40	6	AR153206	AR153206 Sequence
c4065	8	40.0	40	6	AR163280	AR163280 Sequence
c4066	8	40.0	40	6	AR176946	AR176946 Sequence
4067	8	40.0	40	6	BD135470	BD135470 Methods f
4068	8	40.0	40	6	BD135493	BD135493 Methods f
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c4072	8	40.0	40	6	BD180789	BD180789 Array of
4073	8	40.0	40	6	BD188869	BD188869 High thro
4074	8	40.0	40	6	BD235434	BD235434 Translati
4075	8	40.0	40	6	BD260311	BD260311 Methods.
c4076	8	40.0	40	6	BD266463	BD266463 Universal
4077	8	40.0	40	6	BD269073	BD269073 Method fo
4078	8	40.0	40	6	BD273136	BD273136 Oral immu
4079	8	40.0	40	6	BD273607	BD273607 Materials
4080	8	40.0	40	6	BD273627	BD273627 Materials
4081	8	40.0	40	6	CQ828066	CQ828066 Sequence
c4082	8	40.0	40	6	E05433	E05433 Oligonucleo
c4083	8	40.0	40	6	I13133	I13133 Sequence 12
c4084	8	40.0	40	6	I18485	I18485 Sequence 27
4085	8	40.0	40	6	I29881	I29881 Sequence 18
c4086	8	40.0	40	6	I36492	I36492 Sequence 12
c4087	8	40.0	40	6	I38318	I38318 Sequence 5
4088	8	40.0	40	6	I55677	I55677 Sequence 30
4089	8	40.0	40	6	I76454	I76454 Sequence 30
4090	8	40.0	40	6	AR217019	AR217019 Sequence
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4092	8	40.0	40	6	AR252376	AR252376 Sequence
c4093	8	40.0	40	6	AR258602	AR258602 Sequence
c4094	8	40.0	40	6	AR258752	AR258752 Sequence
c4095	8	40.0	40	6	AR282497	AR282497 Sequence
c4096	8	40.0	40	6	AR305281	AR305281 Sequence
c4097	8	40.0	40	6	AR309385	AR309385 Sequence
4098	8	40.0	40	6	AR322252	AR322252 Sequence
c4099	8	40.0	40	6	AR431705	AR431705 Sequence
c4100	8	40.0	40	6	AR533183	AR533183 Sequence
4101	8	40.0	40	6	AR560303	AR560303 Sequence
4102	8	40.0	40	6	AX044256	AX044256 Sequence
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4107	8	40.0	40	6	AX403125	AX403125 Sequence
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4111	8	40.0	40	6	AX593110	AX593110 Sequence
4112	8	40.0	40	6	AX717517	AX717517 Sequence
c4113	8	40.0	40	6	AX927052	AX927052 Sequence
4114	8	40.0	40	6	AX930634	AX930634 Sequence
4115	8	40.0	40	6	BD000714	BD000714 Drug comp
4116	8	40.0	40	6	BD000716	BD000716 Inhibitor
4117	8	40.0	40	6	BD086551	BD086551 Hormone-d
c4118	8	40.0	40	6	BD093912	BD093912 A method
c4119	8	40.0	40	6	BD106192	BD106192 Novel LDL
c4120	8	40.0	40	9	HSZ74605	Z74605 H.sapiens j
c4121	8	40.0	41	5	GDCNMRPT	X51431 Chicken CNM
4122	8	40.0	41	6	A92282	A92282 Sequence 1
4123	8	40.0	41	6	A92333	A92333 Sequence 1
4124	8	40.0	41	6	BD180648	BD180648 Highly th
c4125	8	40.0	41	6	BD249710	BD249710 Productio
c4126	8	40.0	41	6	BD249720	BD249720 Productio
c4127	8	40.0	41	6	BD249724	BD249724 Productio
4128	8	40.0	41	6	CQ869534	CQ869534 Sequence
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c4131	8	40.0	41	6	AR305270	AR305270 Sequence
c4132	8	40.0	41	6	AR309374	AR309374 Sequence
c4133	8	40.0	41	6	AR316670	AR316670 Sequence
c4134	8	40.0	41	6	AR316683	AR316683 Sequence
4135	8	40.0	41	6	AR342607	AR342607 Sequence
4136	8	40.0	41	6	AR361248	AR361248 Sequence
c4137	8	40.0	41	6	AR406025	AR406025 Sequence
c4138	8	40.0	41	6	AR406027	AR406027 Sequence
c4139	8	40.0	41	6	AR406031	AR406031 Sequence
c4140	8	40.0	41	6	AR535415	AR535415 Sequence
c4141	8	40.0	41	6	AX040137	AX040137 Sequence
4142	8	40.0	41	6	AX088324	AX088324 Sequence
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c4145	8	40.0	41	6	AX134748	AX134748 Sequence
4146	8	40.0	41	6	AX174849	AX174849 Sequence
4147	8	40.0	41	6	AX190443	AX190443 Sequence
c4148	8	40.0	41	6	AX280620	AX280620 Sequence
4149	8	40.0	41	6	AX280621	AX280621 Sequence
c4150	8	40.0	41	6	AX301861	AX301861 Sequence
c4151	8	40.0	41	6	AX301871	AX301871 Sequence
c4152	8	40.0	41	6	AX327073	AX327073 Sequence
4153	8	40.0	41	6	AX327077	AX327077 Sequence
c4154	8	40.0	41	6	AX361081	AX361081 Sequence
4155	8	40.0	41	6	AX391874	AX391874 Sequence
c4156	8	40.0	41	6	AX513865	AX513865 Sequence
c4157	8	40.0	41	6	AX513907	AX513907 Sequence
4158	8	40.0	41	6	AX513921	AX513921 Sequence
4159	8	40.0	41	6	AX513951	AX513951 Sequence
c4160	8	40.0	41	6	AX514020	AX514020 Sequence
4161	8	40.0	41	6	AX514022	AX514022 Sequence
4162	8	40.0	41	6	AX514128	AX514128 Sequence
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4164	8	40.0	41	6	AX514485	AX514485 Sequence
4165	8	40.0	41	6	AX514486	AX514486 Sequence
c4166	8	40.0	41	6	AX514990	AX514990 Sequence
4167	8	40.0	41	6	AX515487	AX515487 Sequence
c4168	8	40.0	41	6	AX515628	AX515628 Sequence
4169	8	40.0	41	6	AX515867	AX515867 Sequence
4170	8	40.0	41	6	AX516098	AX516098 Sequence
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4172	8	40.0	41	6	AX517504	AX517504 Sequence
4173	8	40.0	41	6	AX517902	AX517902 Sequence
c4174	8	40.0	41	6	AX518223	AX518223 Sequence
4175	8	40.0	41	6	AX518475	AX518475 Sequence
c4176	8	40.0	41	6	AX519141	AX519141 Sequence
c4177	8	40.0	41	6	AX519185	AX519185 Sequence
c4178	8	40.0	41	6	AX519193	AX519193 Sequence
4179	8	40.0	41	6	AX519260	AX519260 Sequence
4180	8	40.0	41	6	AX519290	AX519290 Sequence

4181	8	40.0	41	6	AX519616	AX519616 Sequence
c4182	8	40.0	41	6	AX519703	AX519703 Sequence
4183	8	40.0	41	6	AX520029	AX520029 Sequence
4184	8	40.0	41	6	AX520030	AX520030 Sequence
4185	8	40.0	41	6	AX520031	AX520031 Sequence
4186	8	40.0	41	6	AX520279	AX520279 Sequence
4187	8	40.0	41	6	AX520831	AX520831 Sequence
c4188	8	40.0	41	6	AX520845	AX520845 Sequence
4189	8	40.0	41	6	AX521035	AX521035 Sequence
4190	8	40.0	41	6	AX521124	AX521124 Sequence
4191	8	40.0	41	6	AX657269	AX657269 Sequence
4192	8	40.0	41	6	BD007223	BD007223 Lentiviru
c4193	8	40.0	41	6	BD081586	BD081586 Soluble s
c4194	8	40.0	41	6	BD106181	BD106181 Novel LDL
4195	8	40.0	42	1	AF178221S3	AF178223 Chlamydia
4196	8	40.0	42	1	AF178225S3	AF178227 Chlamydia
4197	8	40.0	42	1	AF178229S3	AF178231 Chlamydia
4198	8	40.0	42	1	AF178233S3	AF178235 Chlamydia
4199	8	40.0	42	1	AF178237S3	AF178239 Chlamydia
4200	8	40.0	42	1	AF178241S3	AF178243 Chlamydia
4201	8	40.0	42	1	AF178245S3	AF178247 Chlamydia
4202	8	40.0	42	1	AF178249S3	AF178251 Chlamydia
4203	8	40.0	42	1	AF178253S3	AF178255 Chlamydia
4204	8	40.0	42	1	AF178257S3	AF178259 Chlamydia
4205	8	40.0	42	1	AF178285S3	AF178287 Chlamydia
4206	8	40.0	42	1	AF178289S3	AF178291 Chlamydia
4207	8	40.0	42	1	AF178293S3	AF178295 Chlamydia
4208	8	40.0	42	6	A36513	A36513 Sequence 54
4209	8	40.0	42	6	AR080146	AR080146 Sequence
c4210	8	40.0	42	6	AR088302	AR088302 Sequence
4211	8	40.0	42	6	AR127204	AR127204 Sequence
4212	8	40.0	42	6	AR130191	AR130191 Sequence
c4213	8	40.0	42	6	AR140201	AR140201 Sequence
c4214	8	40.0	42	6	BD205021	BD205021 Gene enco
c4215	8	40.0	42	6	BD209247	BD209247 Enzymatic
c4216	8	40.0	42	6	BD249722	BD249722 Productio
c4217	8	40.0	42	6	E00479	E00479 DNA encodin
c4218	8	40.0	42	6	I08062	I08062 Sequence 1
c4219	8	40.0	42	6	AR198560	AR198560 Sequence
c4220	8	40.0	42	6	AR257340	AR257340 Sequence
4221	8	40.0	42	6	AR263729	AR263729 Sequence
c4222	8	40.0	42	6	AR280485	AR280485 Sequence
4223	8	40.0	42	6	AR306672	AR306672 Sequence
c4224	8	40.0	42	6	AR306673	AR306673 Sequence
c4225	8	40.0	42	6	AR316681	AR316681 Sequence
4226	8	40.0	42	6	AR317223	AR317223 Sequence
4227	8	40.0	42	6	AR340107	AR340107 Sequence
c4228	8	40.0	42	6	AR340108	AR340108 Sequence
4229	8	40.0	42	6	AR412176	AR412176 Sequence
c4230	8	40.0	42	6	AR412177	AR412177 Sequence
c4231	8	40.0	42	6	AX014772	AX014772 Sequence
c4232	8	40.0	42	6	AX134745	AX134745 Sequence
4233	8	40.0	42	6	AX166900	AX166900 Sequence
4234	8	40.0	42	6	AX282186	AX282186 Sequence
4235	8	40.0	42	6	AX282295	AX282295 Sequence
c4236	8	40.0	42	6	AX301873	AX301873 Sequence
c4237	8	40.0	42	6	AX301890	AX301890 Sequence
4238	8	40.0	42	6	AX322946	AX322946 Sequence
c4239	8	40.0	42	6	AX356810	AX356810 Sequence
c4240	8	40.0	42	6	AX356816	AX356816 Sequence
4241	8	40.0	42	6	AX497900	AX497900 Sequence
c4242	8	40.0	42	6	AX537765	AX537765 Sequence
4243	8	40.0	42	6	AX776676	AX776676 Sequence
4244	8	40.0	42	6	AX776677	AX776677 Sequence
c4245	8	40.0	42	6	BD008439	BD008439 Fibroblas
c4246	8	40.0	42	6	BD073269	BD073269 Interleuk
4247	8	40.0	42	6	BD130545	BD130545 Controlle
c4248	8	40.0	42	8	AJ837584	AJ837584 Arabidops
c4249	8	40.0	42	12	SYNFCN	J03788 Synthetic f
c4250	8	40.0	43	6	BD141168	BD141168 The metho
4251	8	40.0	43	6	BD166158	BD166158 Recombina
4252	8	40.0	43	6	BD183539	BD183539 Recombina
c4253	8	40.0	43	6	BD235388	BD235388 Translati
c4254	8	40.0	43	6	BD249702	BD249702 Productio
c4255	8	40.0	43	6	CQ755463	CQ755463 Sequence
4256	8	40.0	43	6	E54984	E54984 Peptide. 1/
4257	8	40.0	43	6	I41116	I41116 Sequence 19
c4258	8	40.0	43	6	I41117	I41117 Sequence 20
c4259	8	40.0	43	6	I43066	I43066 Sequence 49
4260	8	40.0	43	6	I82005	I82005 Sequence 44
4261	8	40.0	43	6	I91695	I91695 Sequence 45
c4262	8	40.0	43	6	AR316662	AR316662 Sequence
4263	8	40.0	43	6	AR362500	AR362500 Sequence
4264	8	40.0	43	6	AR365506	AR365506 Sequence
c4265	8	40.0	43	6	AX134725	AX134725 Sequence
c4266	8	40.0	43	6	AX301853	AX301853 Sequence
c4267	8	40.0	43	6	AX357093	AX357093 Sequence
4268	8	40.0	43	6	AX483632	AX483632 Sequence
c4269	8	40.0	43	6	AX573174	AX573174 Sequence
4270	8	40.0	43	6	AX701387	AX701387 Sequence
c4271	8	40.0	43	6	AX701387	AX701387 Sequence
4272	8	40.0	43	6	AX805949	AX805949 Sequence
4273	8	40.0	43	8	BCO288887	AJ288887 Beta coro
4274	8	40.0	44	6	A13537	A13537 oligonucleo
c4275	8	40.0	44	6	A13538	A13538 oligonucleo
4276	8	40.0	44	6	A73603	A73603 Sequence 21
4277	8	40.0	44	6	AR001442	AR001442 Sequence
c4278	8	40.0	44	6	AR098554	AR098554 Sequence
c4279	8	40.0	44	6	AR108896	AR108896 Sequence
4280	8	40.0	44	6	AR154376	AR154376 Sequence
4281	8	40.0	44	6	AR157000	AR157000 Sequence
c4282	8	40.0	44	6	BD141163	BD141163 The metho
4283	8	40.0	44	6	BD175029	BD175029 Method fo
4284	8	40.0	44	6	CQ654623	CQ654623 Sequence
c4285	8	40.0	44	6	CQ809175	CQ809175 Sequence
c4286	8	40.0	44	6	CQ809176	CQ809176 Sequence
4287	8	40.0	44	6	I41344	I41344 Sequence 15
4288	8	40.0	44	6	I49092	I49092 Sequence 15
c4289	8	40.0	44	6	AR242788	AR242788 Sequence
c4290	8	40.0	44	6	AX112402	AX112402 Sequence
c4291	8	40.0	44	6	AX201450	AX201450 Sequence
c4292	8	40.0	44	6	AX297758	AX297758 Sequence
4293	8	40.0	44	6	BD102531	BD102531 Method fo
c4294	8	40.0	44	8	ATH530123	AJ530123 Arabidops
c4295	8	40.0	45	3	PARINT	L26269 Paramecium
4296	8	40.0	45	6	A18476	A18476 heavy chain
4297	8	40.0	45	6	A24282	A24282 Oligonucleo
4298	8	40.0	45	6	AR022074	AR022074 Sequence
4299	8	40.0	45	6	AR028590	AR028590 Sequence
4300	8	40.0	45	6	AR085801	AR085801 Sequence
c4301	8	40.0	45	6	AR086445	AR086445 Sequence
4302	8	40.0	45	6	AR086446	AR086446 Sequence
4303	8	40.0	45	6	AR092768	AR092768 Sequence
c4304	8	40.0	45	6	AR100707	AR100707 Sequence
c4305	8	40.0	45	6	AR102218	AR102218 Sequence
4306	8	40.0	45	6	AR102219	AR102219 Sequence
4307	8	40.0	45	6	AR122606	AR122606 Sequence
4308	8	40.0	45	6	BD140578	BD140578 Polypepti
4309	8	40.0	45	6	CQ760896	CQ760896 Sequence
4310	8	40.0	45	6	I06228	I06228 Sequence 3
4311	8	40.0	45	6	I92864	I92864 Sequence 38
c4312	8	40.0	45	6	AR339711	AR339711 Sequence
c4313	8	40.0	45	6	AR342805	AR342805 Sequence
4314	8	40.0	45	6	AR350191	AR350191 Sequence
c4315	8	40.0	45	6	AR368306	AR368306 Sequence
4316	8	40.0	45	6	AR368307	AR368307 Sequence
c4317	8	40.0	45	6	AR369522	AR369522 Sequence
4318	8	40.0	45	6	AR369523	AR369523 Sequence
4319	8	40.0	45	6	AR429097	AR429097 Sequence
4320	8	40.0	45	6	AR474154	AR474154 Sequence
4321	8	40.0	45	6	AR534988	AR534988 Sequence
4322	8	40.0	45	6	AX103963	AX103963 Sequence
c4323	8	40.0	45	6	AX103964	AX103964 Sequence
c4324	8	40.0	45	6	AX355018	AX355018 Sequence
4325	8	40.0	45	6	AX355743	AX355743 Sequence
c4326	8	40.0	45	6	AX529557	AX529557 Sequence

4327	8	40.0	45	6	AX547016	AX547016 Sequence
c4328	8	40.0	45	6	AX547017	AX547017 Sequence
c4329	8	40.0	45	6	AX612452	AX612452 Sequence
4330	8	40.0	45	6	AX697217	AX697217 Sequence
c4331	8	40.0	45	6	AX751530	AX751530 Sequence
4332	8	40.0	45	6	AX776670	AX776670 Sequence
4333	8	40.0	45	6	AX776671	AX776671 Sequence
4334	8	40.0	45	6	AX963363	AX963363 Sequence
c4335	8	40.0	45	6	AX963364	AX963364 Sequence
4336	8	40.0	46	6	A76599	A76599 Sequence 4
4337	8	40.0	46	6	AR005183	AR005183 Sequence
4338	8	40.0	46	6	AR021006	AR021006 Sequence
4339	8	40.0	46	6	AR038393	AR038393 Sequence
4340	8	40.0	46	6	AR043421	AR043421 Sequence
4341	8	40.0	46	6	AR062336	AR062336 Sequence
4342	8	40.0	46	6	AR178129	AR178129 Sequence
4343	8	40.0	46	6	BD222009	BD222009 Method an
4344	8	40.0	46	6	BD264539	BD264539 Compounds
4345	8	40.0	46	6	CQ654926	CQ654926 Sequence
4346	8	40.0	46	6	I58469	I58469 Sequence 41
4347	8	40.0	46	6	I66587	I66587 Sequence 41
4348	8	40.0	46	6	I68234	I68234 Sequence 41
4349	8	40.0	46	6	AR183795	AR183795 Sequence
4350	8	40.0	46	6	AR229349	AR229349 Sequence
4351	8	40.0	46	6	AR321967	AR321967 Sequence
4352	8	40.0	46	6	AR368178	AR368178 Sequence
c4353	8	40.0	46	6	AX058679	AX058679 Sequence
4354	8	40.0	46	6	AX155979	AX155979 Sequence
4355	8	40.0	46	6	AX361829	AX361829 Sequence
4356	8	40.0	46	6	AX838965	AX838965 Sequence
4357	8	40.0	46	8	S57743	S57743 5S rRNA [As
c4358	8	40.0	47	6	AR086675	AR086675 Sequence
c4359	8	40.0	47	6	AR119702	AR119702 Sequence
c4360	8	40.0	47	6	BD268251	BD268251 Adenoviru
c4361	8	40.0	47	6	BD268262	BD268262 Adenoviru
c4362	8	40.0	47	6	I38317	I38317 Sequence 4
4363	8	40.0	47	6	I41342	I41342 Sequence 13
4364	8	40.0	47	6	I49090	I49090 Sequence 13
c4365	8	40.0	47	6	AR258751	AR258751 Sequence
c4366	8	40.0	47	6	AR284471	AR284471 Sequence
c4367	8	40.0	47	6	AR284519	AR284519 Sequence
4368	8	40.0	47	6	AR284534	AR284534 Sequence
4369	8	40.0	47	6	AR288474	AR288474 Sequence
4370	8	40.0	47	6	AR289444	AR289444 Sequence
c4371	8	40.0	47	6	AR289529	AR289529 Sequence
c4372	8	40.0	47	6	AR289610	AR289610 Sequence
4373	8	40.0	47	6	AR289677	AR289677 Sequence
4374	8	40.0	47	6	AR289819	AR289819 Sequence
4375	8	40.0	47	6	AR290221	AR290221 Sequence
c4376	8	40.0	47	6	AR290226	AR290226 Sequence
4377	8	40.0	47	6	AR290239	AR290239 Sequence
c4378	8	40.0	47	6	AR290430	AR290430 Sequence
c4379	8	40.0	47	6	AR290664	AR290664 Sequence
c4380	8	40.0	47	6	AR290688	AR290688 Sequence
c4381	8	40.0	47	6	AR290777	AR290777 Sequence
c4382	8	40.0	47	6	AR290964	AR290964 Sequence
4383	8	40.0	47	6	AR291225	AR291225 Sequence
c4384	8	40.0	47	6	AR291282	AR291282 Sequence
4385	8	40.0	47	6	AR291519	AR291519 Sequence
c4386	8	40.0	47	6	AR291562	AR291562 Sequence
c4387	8	40.0	47	6	AR291616	AR291616 Sequence
4388	8	40.0	47	6	AR291692	AR291692 Sequence
4389	8	40.0	47	6	AR291794	AR291794 Sequence
c4390	8	40.0	47	6	AX194664	AX194664 Sequence
4391	8	40.0	47	6	AX194722	AX194722 Sequence
c4392	8	40.0	47	6	AX378282	AX378282 Sequence
c4393	8	40.0	47	6	BD069787	BD069787 Novel epi
c4394	8	40.0	48	6	A30529	A30529 oligonucleo
4395	8	40.0	48	6	A68121	A68121 Sequence 30
c4396	8	40.0	48	6	AR077331	AR077331 Sequence
4397	8	40.0	48	6	AR083731	AR083731 Sequence
4398	8	40.0	48	6	AR086659	AR086659 Sequence
c4399	8	40.0	48	6	AR111808	AR111808 Sequence
c4400	8	40.0	48	6	AR154377	AR154377 Sequence
c4401	8	40.0	48	6	AR157001	AR157001 Sequence
4402	8	40.0	48	6	AR160025	AR160025 Sequence
4403	8	40.0	48	6	AR176079	AR176079 Sequence
c4404	8	40.0	48	6	BD172537	BD172537 Secreted
c4405	8	40.0	48	6	BD172856	BD172856 Secreted
c4406	8	40.0	48	6	BD173175	BD173175 Secreted
c4407	8	40.0	48	6	BD173494	BD173494 Secreted
c4408	8	40.0	48	6	BD175528	BD175528 Secretory
4409	8	40.0	48	6	BD222653	BD222653 Matrix bi
4410	8	40.0	48	6	CQ818795	CQ818795 Sequence
c4411	8	40.0	48	6	CQ818795	CQ818795 Sequence
4412	8	40.0	48	6	CQ829499	CQ829499 Sequence
c4413	8	40.0	48	6	CQ848125	CQ848125 Sequence
c4414	8	40.0	48	6	CQ848134	CQ848134 Sequence
c4415	8	40.0	48	6	CQ848184	CQ848184 Sequence
c4416	8	40.0	48	6	CQ848195	CQ848195 Sequence
c4417	8	40.0	48	6	CQ848218	CQ848218 Sequence
4418	8	40.0	48	6	CQ848242	CQ848242 Sequence
c4419	8	40.0	48	6	CQ848283	CQ848283 Sequence
4420	8	40.0	48	6	CQ848285	CQ848285 Sequence
4421	8	40.0	48	6	CQ867724	CQ867724 Sequence
c4422	8	40.0	48	6	AR236256	AR236256 Sequence
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4424	8	40.0	48	6	AR274605	AR274605 Sequence
c4425	8	40.0	48	6	AR275530	AR275530 Sequence
4426	8	40.0	48	6	AR281543	AR281543 Sequence
4427	8	40.0	48	6	AR306674	AR306674 Sequence
c4428	8	40.0	48	6	AR306675	AR306675 Sequence
4429	8	40.0	48	6	AR340109	AR340109 Sequence
c4430	8	40.0	48	6	AR340110	AR340110 Sequence
c4431	8	40.0	48	6	AR410908	AR410908 Sequence
4432	8	40.0	48	6	AR412178	AR412178 Sequence
c4433	8	40.0	48	6	AR412179	AR412179 Sequence
c4434	8	40.0	48	6	AR439272	AR439272 Sequence
c4435	8	40.0	48	6	AR473292	AR473292 Sequence
c4436	8	40.0	48	6	AR527278	AR527278 Sequence
c4437	8	40.0	48	6	AR566311	AR566311 Sequence
c4438	8	40.0	48	6	AX221582	AX221582 Sequence
c4439	8	40.0	48	6	AX221939	AX221939 Sequence
4440	8	40.0	48	6	AX320747	AX320747 Sequence
c4441	8	40.0	48	6	AX426756	AX426756 Sequence
c4442	8	40.0	48	6	AX426909	AX426909 Sequence
c4443	8	40.0	48	6	AX454790	AX454790 Sequence
c4444	8	40.0	48	6	AX465464	AX465464 Sequence
4445	8	40.0	48	6	AX465465	AX465465 Sequence
4446	8	40.0	48	6	AX477727	AX477727 Sequence
c4447	8	40.0	48	6	AX491268	AX491268 Sequence
c4448	8	40.0	48	6	AX549007	AX549007 Sequence
c4449	8	40.0	48	6	AX697779	AX697779 Sequence
4450	8	40.0	48	6	AX703567	AX703567 Sequence
4451	8	40.0	48	6	AX719258	AX719258 Sequence
4452	8	40.0	48	6	AX772477	AX772477 Sequence
4453	8	40.0	48	6	AX772589	AX772589 Sequence
c4454	8	40.0	48	6	BD075677	BD075677 Secretory
c4455	8	40.0	48	9	HUMEP3IV	L32662 Human prost
4456	8	40.0	48	9	HUMRPL110	D28451 Homo sapien
c4457	8	40.0	48	10	MUSCFTRB	M75125 Mouse cysti
c4458	8	40.0	48	10	S76262	S76262 Mus musculu
4459	8	40.0	48	11	BX466029	BX466029 Arabidops
4460	8	40.0	48	12	SYNIGMAE	M12444 Mouse Ig ar
c4461	8	40.0	49	6	AR003801	AR003801 Sequence
c4462	8	40.0	49	6	AR003803	AR003803 Sequence
c4463	8	40.0	49	6	AR010137	AR010137 Sequence
c4464	8	40.0	49	6	AR010139	AR010139 Sequence
c4465	8	40.0	49	6	AR034697	AR034697 Sequence
c4466	8	40.0	49	6	AR034699	AR034699 Sequence
4467	8	40.0	49	6	AR039158	AR039158 Sequence
c4468	8	40.0	49	6	AR055343	AR055343 Sequence
c4469	8	40.0	49	6	AR055345	AR055345 Sequence
4470	8	40.0	49	6	AR128882	AR128882 Sequence
c4471	8	40.0	49	6	AR141272	AR141272 Sequence
c4472	8	40.0	49	6	AR141274	AR141274 Sequence

c4473	8	40.0	49	6	AR141509	AR141509 Sequence
c4474	8	40.0	49	6	AR141511	AR141511 Sequence
4475	8	40.0	49	6	AR165900	AR165900 Sequence
4476	8	40.0	49	6	AR178724	AR178724 Sequence
4477	8	40.0	49	6	BD251238	BD251238 Oligonucl
c4478	8	40.0	49	6	CQ794212	CQ794212 Sequence
c4479	8	40.0	49	6	CQ797056	CQ797056 Sequence
c4480	8	40.0	49	6	I11984	I11984 Sequence 96
c4481	8	40.0	49	6	I40554	I40554 Sequence 93
4482	8	40.0	49	6	AR196769	AR196769 Sequence
4483	8	40.0	49	6	AR205429	AR205429 Sequence
c4484	8	40.0	49	6	AR213635	AR213635 Sequence
4485	8	40.0	49	6	AR220121	AR220121 Sequence
4486	8	40.0	49	6	AR221510	AR221510 Sequence
4487	8	40.0	49	6	AR228229	AR228229 Sequence
4488	8	40.0	49	6	AR239990	AR239990 Sequence
4489	8	40.0	49	6	AR254212	AR254212 Sequence
4490	8	40.0	49	6	AR282418	AR282418 Sequence
4491	8	40.0	49	6	AR306753	AR306753 Sequence
c4492	8	40.0	49	6	AR368038	AR368038 Sequence
c4493	8	40.0	49	6	AR368040	AR368040 Sequence
4494	8	40.0	49	6	AR368325	AR368325 Sequence
4495	8	40.0	49	6	AR373855	AR373855 Sequence
4496	8	40.0	49	6	AR403535	AR403535 Sequence
c4497	8	40.0	49	6	AR431019	AR431019 Sequence
c4498	8	40.0	49	6	AR431021	AR431021 Sequence
c4499	8	40.0	49	6	AX103397	AX103397 Sequence
c4500	8	40.0	49	6	AX103398	AX103398 Sequence
c4501	8	40.0	49	6	AX103399	AX103399 Sequence
4502	8	40.0	49	6	AX279792	AX279792 Sequence
c4503	8	40.0	49	6	AX320746	AX320746 Sequence
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4505	8	40.0	49	6	AX795453	AX795453 Sequence
4506	8	40.0	49	6	AX796745	AX796745 Sequence
4507	8	40.0	49	6	AX797007	AX797007 Sequence
4508	8	40.0	49	6	AX935015	AX935015 Sequence
c4509	8	40.0	49	6	BD057693	BD057693 Fusion pr
4510	8	40.0	49	6	BD069035	BD069035 Enzymatic
c4511	8	40.0	49	6	BD081523	BD081523 Soluble s
c4512	8	40.0	50	6	A07724	A07724 Oligonucleo
c4513	8	40.0	50	6	A10023	A10023 Nucleotide
4514	8	40.0	50	6	A41840	A41840 Sequence 21
c4515	8	40.0	50	6	A93721	A93721 Sequence 8
4516	8	40.0	50	6	A93722	A93722 Sequence 9
4517	8	40.0	50	6	AR032549	AR032549 Sequence
c4518	8	40.0	50	6	AR032966	AR032966 Sequence
c4519	8	40.0	50	6	AR036494	AR036494 Sequence
c4520	8	40.0	50	6	AR081021	AR081021 Sequence
4521	8	40.0	50	6	AR086670	AR086670 Sequence
4522	8	40.0	50	6	AR119731	AR119731 Sequence
c4523	8	40.0	50	6	AR125815	AR125815 Sequence
4524	8	40.0	50	6	AR129861	AR129861 Sequence
c4525	8	40.0	50	6	BD172352	BD172352 Secreted
c4526	8	40.0	50	6	BD172671	BD172671 Secreted
c4527	8	40.0	50	6	BD172990	BD172990 Secreted
c4528	8	40.0	50	6	BD173309	BD173309 Secreted
c4529	8	40.0	50	6	BD175343	BD175343 Secretory
4530	8	40.0	50	6	BD232281	BD232281 Productio
c4531	8	40.0	50	6	CQ002517	CQ002517 Sequence
c4532	8	40.0	50	6	CQ002596	CQ002596 Sequence
4533	8	40.0	50	6	CQ002639	CQ002639 Sequence
4534	8	40.0	50	6	CQ002864	CQ002864 Sequence
c4535	8	40.0	50	6	CQ003035	CQ003035 Sequence
4536	8	40.0	50	6	CQ003192	CQ003192 Sequence
c4537	8	40.0	50	6	CQ003569	CQ003569 Sequence
4538	8	40.0	50	6	CQ003872	CQ003872 Sequence
4539	8	40.0	50	6	CQ003873	CQ003873 Sequence
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c4542	8	40.0	50	6	CQ004499	CQ004499 Sequence
c4543	8	40.0	50	6	CQ004500	CQ004500 Sequence
4544	8	40.0	50	6	CQ004638	CQ004638 Sequence
4545	8	40.0	50	6	CQ004639	CQ004639 Sequence
c4546	8	40.0	50	6	CQ005279	CQ005279 Sequence
4547	8	40.0	50	6	CQ005542	CQ005542 Sequence
c4548	8	40.0	50	6	CQ005732	CQ005732 Sequence
c4549	8	40.0	50	6	CQ006969	CQ006969 Sequence
4550	8	40.0	50	6	CQ008108	CQ008108 Sequence
4551	8	40.0	50	6	CQ008115	CQ008115 Sequence
4552	8	40.0	50	6	CQ008116	CQ008116 Sequence
4553	8	40.0	50	6	CQ008300	CQ008300 Sequence
4554	8	40.0	50	6	CQ008301	CQ008301 Sequence
c4555	8	40.0	50	6	CQ008465	CQ008465 Sequence
4556	8	40.0	50	6	CQ008507	CQ008507 Sequence
4557	8	40.0	50	6	CQ008516	CQ008516 Sequence
c4558	8	40.0	50	6	CQ008610	CQ008610 Sequence
4559	8	40.0	50	6	CQ008689	CQ008689 Sequence
c4560	8	40.0	50	6	CQ008717	CQ008717 Sequence
c4561	8	40.0	50	6	CQ008749	CQ008749 Sequence
4562	8	40.0	50	6	CQ009034	CQ009034 Sequence
c4563	8	40.0	50	6	CQ009197	CQ009197 Sequence
4564	8	40.0	50	6	CQ813727	CQ813727 Sequence
4565	8	40.0	50	6	CQ813735	CQ813735 Sequence
4566	8	40.0	50	6	CQ814019	CQ814019 Sequence
4567	8	40.0	50	6	CQ814472	CQ814472 Sequence
4568	8	40.0	50	6	I29289	I29289 Sequence 16
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4570	8	40.0	50	6	I41107	I41107 Sequence 10
c4571	8	40.0	50	6	I41108	I41108 Sequence 11
c4572	8	40.0	50	6	I47227	I47227 Sequence 15
4573	8	40.0	50	6	I90963	I90963 Sequence 16
c4574	8	40.0	50	6	I91380	I91380 Sequence 57
4575	8	40.0	50	6	AR209213	AR209213 Sequence
c4576	8	40.0	50	6	AR209630	AR209630 Sequence
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4578	8	40.0	50	6	AR356747	AR356747 Sequence
c4579	8	40.0	50	6	AR410721	AR410721 Sequence
c4580	8	40.0	50	6	AR439085	AR439085 Sequence
c4581	8	40.0	50	6	AR473105	AR473105 Sequence
c4582	8	40.0	50	6	AR527091	AR527091 Sequence
4583	8	40.0	50	6	AR538303	AR538303 Sequence
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c4585	8	40.0	50	6	AR566124	AR566124 Sequence
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c4588	8	40.0	50	6	AX156809	AX156809 Sequence
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c4590	8	40.0	50	6	AX156813	AX156813 Sequence
c4591	8	40.0	50	6	AX156846	AX156846 Sequence
c4592	8	40.0	50	6	AX157008	AX157008 Sequence
c4593	8	40.0	50	6	AX157284	AX157284 Sequence
4594	8	40.0	50	6	AX159992	AX159992 Sequence
c4595	8	40.0	50	6	AX164918	AX164918 Sequence
c4596	8	40.0	50	6	AX165857	AX165857 Sequence
4597	8	40.0	50	6	AX189972	AX189972 Sequence
c4598	8	40.0	50	6	AX199644	AX199644 Sequence
4599	8	40.0	50	6	AX287016	AX287016 Sequence
c4600	8	40.0	50	6	AX430851	AX430851 Sequence
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c4602	8	40.0	50	6	AX537701	AX537701 Sequence
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c4604	8	40.0	50	6	AX697560	AX697560 Sequence
c4605	8	40.0	50	6	AX772517	AX772517 Sequence
c4606	8	40.0	50	6	AX772518	AX772518 Sequence
c4607	8	40.0	50	6	AX903882	AX903882 Sequence
4608	8	40.0	50	6	AX917453	AX917453 Sequence
c4609	8	40.0	50	6	AX923409	AX923409 Sequence
c4610	8	40.0	50	6	AX951972	AX951972 Sequence
c4611	8	40.0	50	6	AX952566	AX952566 Sequence
4612	8	40.0	50	6	AX960357	AX960357 Sequence
c4613	8	40.0	50	6	AX960379	AX960379 Sequence
c4614	8	40.0	50	6	BD039415	BD039415 Sequence
4615	8	40.0	50	6	BD052986	BD052986 Sequence
c4616	8	40.0	50	6	BD075492	BD075492 Secretory
4617	8	40.0	50	8	PNURRUN	M37179 P.nudum rib
c4618	8	40.0	50	9	AY734024	AY734024 Macaca mu

4619	8	40.0	50	9	HOSAPDGFB1	AF169594 Homo sapi
c4620	8	40.0	51	5	CHKMYHF2	M18138 Chicken myo
4621	8	40.0	51	6	A15274	A15274 Linker mole
c4622	8	40.0	51	6	A17361	A17361 oligonucleo
4623	8	40.0	51	6	A30530	A30530 oligonucleo
c4624	8	40.0	51	6	AR022080	AR022080 Sequence
4625	8	40.0	51	6	AR022081	AR022081 Sequence
c4626	8	40.0	51	6	AR047949	AR047949 Sequence
4627	8	40.0	51	6	CQ001485	CQ001485 Sequence
4628	8	40.0	51	6	CQ001516	CQ001516 Sequence
c4629	8	40.0	51	6	CQ001645	CQ001645 Sequence
c4630	8	40.0	51	6	CQ001707	CQ001707 Sequence
c4631	8	40.0	51	6	CQ001708	CQ001708 Sequence
c4632	8	40.0	51	6	CQ001779	CQ001779 Sequence
c4633	8	40.0	51	6	CQ001829	CQ001829 Sequence
4634	8	40.0	51	6	CQ002013	CQ002013 Sequence
4635	8	40.0	51	6	CQ002340	CQ002340 Sequence
c4636	8	40.0	51	6	CQ002504	CQ002504 Sequence
4637	8	40.0	51	6	CQ002666	CQ002666 Sequence
4638	8	40.0	51	6	CQ002887	CQ002887 Sequence
c4639	8	40.0	51	6	CQ003121	CQ003121 Sequence
4640	8	40.0	51	6	CQ003249	CQ003249 Sequence
c4641	8	40.0	51	6	CQ003460	CQ003460 Sequence
c4642	8	40.0	51	6	CQ003536	CQ003536 Sequence
4643	8	40.0	51	6	CQ003874	CQ003874 Sequence
4644	8	40.0	51	6	CQ003970	CQ003970 Sequence
c4645	8	40.0	51	6	CQ004407	CQ004407 Sequence
4646	8	40.0	51	6	CQ004410	CQ004410 Sequence
4647	8	40.0	51	6	CQ004411	CQ004411 Sequence
c4648	8	40.0	51	6	CQ004486	CQ004486 Sequence
c4649	8	40.0	51	6	CQ004611	CQ004611 Sequence
c4650	8	40.0	51	6	CQ004664	CQ004664 Sequence
4651	8	40.0	51	6	CQ004915	CQ004915 Sequence
4652	8	40.0	51	6	CQ005170	CQ005170 Sequence
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4654	8	40.0	51	6	CQ005415	CQ005415 Sequence
c4655	8	40.0	51	6	CQ006467	CQ006467 Sequence
c4656	8	40.0	51	6	CQ006741	CQ006741 Sequence
c4657	8	40.0	51	6	CQ006888	CQ006888 Sequence
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c4659	8	40.0	51	6	CQ007204	CQ007204 Sequence
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4661	8	40.0	51	6	CQ007246	CQ007246 Sequence
4662	8	40.0	51	6	CQ007306	CQ007306 Sequence
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4664	8	40.0	51	6	CQ007333	CQ007333 Sequence
4665	8	40.0	51	6	CQ007412	CQ007412 Sequence
4666	8	40.0	51	6	CQ007569	CQ007569 Sequence
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4668	8	40.0	51	6	CQ007610	CQ007610 Sequence
4669	8	40.0	51	6	CQ007739	CQ007739 Sequence
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4671	8	40.0	51	6	CQ007873	CQ007873 Sequence
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4675	8	40.0	51	6	CQ008077	CQ008077 Sequence
4676	8	40.0	51	6	CQ008856	CQ008856 Sequence
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4679	8	40.0	51	6	I92871	I92871 Sequence 45
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c4702	8	40.0	51	6	AX115077	AX115077 Sequence
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4732	8	40.0	51	6	AX158895	AX158895 Sequence
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c4734	8	40.0	51	6	AX159065	AX159065 Sequence
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4736	8	40.0	51	6	AX159257	AX159257 Sequence
4737	8	40.0	51	6	AX159258	AX159258 Sequence
4738	8	40.0	51	6	AX159367	AX159367 Sequence
c4739	8	40.0	51	6	AX159421	AX159421 Sequence
4740	8	40.0	51	6	AX159461	AX159461 Sequence
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c4742	8	40.0	51	6	AX159624	AX159624 Sequence
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c4744	8	40.0	51	6	AX159706	AX159706 Sequence
4745	8	40.0	51	6	AX159837	AX159837 Sequence
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c4762	8	40.0	51	6	AX161498	AX161498 Sequence
4763	8	40.0	51	6	AX162607	AX162607 Sequence
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4765	8	40.0	51	6	AX162609	AX162609 Sequence
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c4793	8	40.0	51	6	AX180594	AX180594 Sequence
c4794	8	40.0	51	6	AX187363	AX187363 Sequence
4795	8	40.0	51	6	AX189970	AX189970 Sequence
4796	8	40.0	51	6	AX189971	AX189971 Sequence
4797	8	40.0	51	6	AX190012	AX190012 Sequence
c4798	8	40.0	51	6	AX199415	AX199415 Sequence
c4799	8	40.0	51	6	AX199643	AX199643 Sequence
4800	8	40.0	51	6	AX203969	AX203969 Sequence
c4801	8	40.0	51	6	AX203998	AX203998 Sequence
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c4803	8	40.0	51	6	AX204041	AX204041 Sequence
c4804	8	40.0	51	6	AX204096	AX204096 Sequence
4805	8	40.0	51	6	AX204147	AX204147 Sequence
4806	8	40.0	51	6	AX204171	AX204171 Sequence
4807	8	40.0	51	6	AX204292	AX204292 Sequence
4808	8	40.0	51	6	AX204293	AX204293 Sequence
c4809	8	40.0	51	6	AX204337	AX204337 Sequence
c4810	8	40.0	51	6	AX204350	AX204350 Sequence
c4811	8	40.0	51	6	AX204414	AX204414 Sequence
c4812	8	40.0	51	6	AX204451	AX204451 Sequence
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4815	8	40.0	51	6	AX280272	AX280272 Sequence
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4821	8	40.0	51	6	AX797008	AX797008 Sequence
4822	8	40.0	51	6	BD007262	BD007262 Novel flt
4823	8	40.0	51	6	BD022536	BD022536 Multi-fun
c4824	8	40.0	51	6	BD057691	BD057691 Fusion pr
c4825	8	40.0	51	6	BD081521	BD081521 Soluble s
4826	8	40.0	51	9	HIVLCDR3A	M80716 Homo sapien
4827	8	40.0	51	9	S78430	S78430 Homo sapien
c4828	8	40.0	51	10	S60828	S60828 VH7183=immu
c4829	8	40.0	51	10	U92181	U92181 Mus musculu
4830	8	40.0	51	11	BV183352	BV183352 sqnm13772
c4831	8	40.0	51	11	BV183406	BV183406 sqnm13808
4832	8	40.0	51	11	BV190778	BV190778 sqnm16840
4833	8	40.0	52	6	AR021007	AR021007 Sequence
4834	8	40.0	52	6	AR021047	AR021047 Sequence
4835	8	40.0	52	6	AR043422	AR043422 Sequence
4836	8	40.0	52	6	AR043462	AR043462 Sequence
4837	8	40.0	52	6	AR062337	AR062337 Sequence
4838	8	40.0	52	6	AR062377	AR062377 Sequence
c4839	8	40.0	52	6	AR086666	AR086666 Sequence
4840	8	40.0	52	6	BD205020	BD205020 Gene enco
4841	8	40.0	52	6	AR183796	AR183796 Sequence
4842	8	40.0	52	6	AR183836	AR183836 Sequence
4843	8	40.0	52	6	AR238970	AR238970 Sequence
4844	8	40.0	52	6	AR240137	AR240137 Sequence
4845	8	40.0	52	6	AR342591	AR342591 Sequence
c4846	8	40.0	52	6	AR355954	AR355954 Sequence
4847	8	40.0	52	6	AR368179	AR368179 Sequence
4848	8	40.0	52	6	AR368219	AR368219 Sequence
4849	8	40.0	52	6	AR524127	AR524127 Sequence
c4850	8	40.0	52	6	AR537510	AR537510 Sequence
4851	8	40.0	52	6	AX014771	AX014771 Sequence
c4852	8	40.0	52	6	AX112014	AX112014 Sequence
c4853	8	40.0	52	6	AX150272	AX150272 Sequence
4854	8	40.0	52	6	AX174833	AX174833 Sequence
4855	8	40.0	52	6	AX278772	AX278772 Sequence
4856	8	40.0	52	6	AX279939	AX279939 Sequence
c4857	8	40.0	52	6	AX528037	AX528037 Sequence
c4858	8	40.0	52	6	AX899407	AX899407 Sequence
4859	8	40.0	52	6	AX925202	AX925202 Sequence
4860	8	40.0	52	6	AX925237	AX925237 Sequence
c4861	8	40.0	52	6	BD034940	BD034940 Sequence
4862	8	40.0	52	6	BD065001	BD065001 A method
4863	8	40.0	52	6	BD065036	BD065036 A method
c4864	8	40.0	53	1	ECARGAO	X68832 E.coli DNA
4865	8	40.0	53	6	AR048054	AR048054 Sequence
4866	8	40.0	53	6	AR068682	AR068682 Sequence
4867	8	40.0	53	6	AR083744	AR083744 Sequence
c4868	8	40.0	53	6	AR083745	AR083745 Sequence
4869	8	40.0	53	6	AR094290	AR094290 Sequence
c4870	8	40.0	53	6	AR127600	AR127600 Sequence
c4871	8	40.0	53	6	AR127674	AR127674 Sequence
4872	8	40.0	53	6	BD184999	BD184999 Nucleic a
4873	8	40.0	53	6	BD234362	BD234362 Improved
c4874	8	40.0	53	6	CQ746905	CQ746905 Sequence
c4875	8	40.0	53	6	I31067	I31067 Sequence 7
c4876	8	40.0	53	6	I75269	I75269 Sequence 18
c4877	8	40.0	53	6	I75343	I75343 Sequence 92
4878	8	40.0	53	6	AR204142	AR204142 Sequence
4879	8	40.0	53	6	AR355978	AR355978 Sequence
4880	8	40.0	53	6	AR537534	AR537534 Sequence
c4881	8	40.0	53	6	AX112011	AX112011 Sequence
c4882	8	40.0	53	9	HSADD2S22	AF000102 Homo sapi
4883	8	40.0	54	5	AF206160	AF206160 Limnonect
c4884	8	40.0	54	5	AH013446S2	AY372740 Mora moro
c4885	8	40.0	54	6	A41132	A41132 Sequence 29
c4886	8	40.0	54	6	AR005184	AR005184 Sequence
c4887	8	40.0	54	6	AR038394	AR038394 Sequence
c4888	8	40.0	54	6	AR047959	AR047959 Sequence
c4889	8	40.0	54	6	AR086654	AR086654 Sequence
c4890	8	40.0	54	6	AR127714	AR127714 Sequence
4891	8	40.0	54	6	AR134150	AR134150 Sequence
c4892	8	40.0	54	6	AR178130	AR178130 Sequence
c4893	8	40.0	54	6	BD218048	BD218048 Regulatio
4894	8	40.0	54	6	BD243503	BD243503 Nucleotid
4895	8	40.0	54	6	BD271970	BD271970 Multiple
4896	8	40.0	54	6	CQ802502	CQ802502 Sequence
c4897	8	40.0	54	6	CQ802502	CQ802502 Sequence
c4898	8	40.0	54	6	I58470	I58470 Sequence 42
c4899	8	40.0	54	6	I66588	I66588 Sequence 42
c4900	8	40.0	54	6	I68235	I68235 Sequence 42
c4901	8	40.0	54	6	I75383	I75383 Sequence 13
c4902	8	40.0	54	6	AR274274	AR274274 Sequence
4903	8	40.0	54	6	AR437908	AR437908 Sequence
c4904	8	40.0	54	6	AR525083	AR525083 Sequence
4905	8	40.0	54	6	AX034926	AX034926 Sequence
c4906	8	40.0	54	6	AX347673	AX347673 Sequence
c4907	8	40.0	54	6	AX407349	AX407349 Sequence
4908	8	40.0	54	6	AX612163	AX612163 Sequence
4909	8	40.0	54	6	AX920331	AX920331 Sequence
4910	8	40.0	54	6	BD055864	BD055864 Sequence

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c4912	8	40.0	54	9	AF305527	AF305527 Homo sapi
c4913	8	40.0	54	9	HSA010634	AJ010634 Homo sapi
c4914	8	40.0	54	9	HUMANGA	M26228 Human anti-
c4915	8	40.0	55	6	A15275	A15275 Linker mole
4916	8	40.0	55	6	A83192	A83192 Sequence 12
4917	8	40.0	55	6	BD141572	BD141572 Method fo
c4918	8	40.0	55	6	BD141573	BD141573 Method fo
4919	8	40.0	55	6	BD176068	BD176068 Method fo
c4920	8	40.0	55	6	BD176069	BD176069 Method fo
4921	8	40.0	55	6	CQ818029	CQ818029 Sequence
4922	8	40.0	55	6	AR182923	AR182923 Sequence
c4923	8	40.0	55	6	AR194772	AR194772 Sequence
c4924	8	40.0	55	6	AR194774	AR194774 Sequence
4925	8	40.0	55	6	AR266996	AR266996 Sequence
4926	8	40.0	55	6	AR419032	AR419032 Sequence
4927	8	40.0	55	6	AX485752	AX485752 Sequence
c4928	8	40.0	55	6	AX485753	AX485753 Sequence
c4929	8	40.0	55	6	AX695041	AX695041 Sequence
4930	8	40.0	55	6	AX979726	AX979726 Sequence
4931	8	40.0	55	6	BD096896	BD096896 Chemical
4932	8	40.0	55	6	BD114585	BD114585 EST and e
4933	8	40.0	55	8	AY202548	AY202548 Arabidops
c4934	8	40.0	55	10	MUSC1IAV	M17493 Mouse pro-a
c4935	8	40.0	56	3	S53923	S53923 {Tec excisi
4936	8	40.0	56	6	AR003534	AR003534 Sequence
4937	8	40.0	56	6	AR076896	AR076896 Sequence
4938	8	40.0	56	6	AR167287	AR167287 Sequence
4939	8	40.0	56	6	AR178723	AR178723 Sequence
c4940	8	40.0	56	6	BD141971	BD141971 Gene dete
c4941	8	40.0	56	6	BD205019	BD205019 Gene enco
4942	8	40.0	56	6	BD251237	BD251237 Oligonucl
c4943	8	40.0	56	6	CQ801014	CQ801014 Sequence
4944	8	40.0	56	6	I55647	I55647 Sequence 11
4945	8	40.0	56	6	AR205428	AR205428 Sequence
4946	8	40.0	56	6	AR220120	AR220120 Sequence
4947	8	40.0	56	6	AR221187	AR221187 Sequence
4948	8	40.0	56	6	AR221509	AR221509 Sequence
4949	8	40.0	56	6	AR230614	AR230614 Sequence
4950	8	40.0	56	6	AR234088	AR234088 Sequence
4951	8	40.0	56	6	AR237698	AR237698 Sequence
4952	8	40.0	56	6	AR254211	AR254211 Sequence
4953	8	40.0	56	6	AR282417	AR282417 Sequence
4954	8	40.0	56	6	AR353208	AR353208 Sequence
c4955	8	40.0	56	6	AR359024	AR359024 Sequence
c4956	8	40.0	56	6	AR367656	AR367656 Sequence
4957	8	40.0	56	6	AR368324	AR368324 Sequence
4958	8	40.0	56	6	AR449198	AR449198 Sequence
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c4960	8	40.0	56	6	AX014770	AX014770 Sequence
4961	8	40.0	56	6	AX461714	AX461714 Sequence
4962	8	40.0	56	6	AX823225	AX823225 Sequence
4963	8	40.0	56	6	BD078782	BD078782 Recombine
4964	8	40.0	56	6	BD085609	BD085609 Recombina
c4965	8	40.0	56	11	CR381006	CR381006 Arabidops
c4966	8	40.0	57	5	AH013431S2	AY372698 Citharus
4967	8	40.0	57	6	A07725	A07725 Oligonucleo
4968	8	40.0	57	6	A10024	A10024 Nucleotide
4969	8	40.0	57	6	A57357	A57357 Sequence 3
4970	8	40.0	57	6	AR008949	AR008949 Sequence
c4971	8	40.0	57	6	AR021048	AR021048 Sequence
c4972	8	40.0	57	6	AR043463	AR043463 Sequence
c4973	8	40.0	57	6	AR062378	AR062378 Sequence
c4974	8	40.0	57	6	AR083730	AR083730 Sequence
c4975	8	40.0	57	6	AR146484	AR146484 Sequence
c4976	8	40.0	57	6	AR176215	AR176215 Sequence
c4977	8	40.0	57	6	BD169257	BD169257 Degraded
c4978	8	40.0	57	6	BD169368	BD169368 Small rem
c4979	8	40.0	57	6	BD195005	BD195005 Equine in
c4980	8	40.0	57	6	BD232658	BD232658 Vaccine.
c4981	8	40.0	57	6	BD246564	BD246564 Developme
4982	8	40.0	57	6	CQ759677	CQ759677 Sequence
4983	8	40.0	57	6	E09675	E09675 PCR primer.
4984	8	40.0	57	6	E59057	E59057 Tag-TSHR hi
4985	8	40.0	57	6	I27104	I27104 Sequence 20
c4986	8	40.0	57	6	AR183837	AR183837 Sequence
4987	8	40.0	57	6	AR205756	AR205756 Sequence
c4988	8	40.0	57	6	AR356315	AR356315 Sequence
4989	8	40.0	57	6	AR367655	AR367655 Sequence
c4990	8	40.0	57	6	AR368220	AR368220 Sequence
4991	8	40.0	57	6	AR374874	AR374874 Sequence
4992	8	40.0	57	6	AR452106	AR452106 Sequence
c4993	8	40.0	57	6	AR523151	AR523151 Sequence
c4994	8	40.0	57	6	AR537871	AR537871 Sequence
c4995	8	40.0	57	6	AX003187	AX003187 Sequence
4996	8	40.0	57	6	AX139546	AX139546 Sequence
4997	8	40.0	57	6	AX709006	AX709006 Sequence
4998	8	40.0	57	6	BD004800	BD004800 Novel pol
4999	8	40.0	57	6	BD014969	BD014969 Lawsonia
c5000	8	40.0	57	6	BD102043	BD102043 Agonist a
5001	8	40.0	57	8	AF377031	AF377031 Filobasid
5002	8	40.0	57	9	HSTBX10S5	AF033578 Homo sapi
5003	8	40.0	57	9	HUMTCGDCF	M28800 Human T-cel
c5004	8	40.0	57	10	AY205896	AY205896 Mus muscu
c5005	8	40.0	57	10	AY205907	AY205907 Mus muscu
c5006	8	40.0	57	10	AF265794	AF265794 Mus muscu
5007	8	40.0	58	6	A91099	A91099 Sequence 2
5008	8	40.0	58	6	A91100	A91100 Sequence 3
5009	8	40.0	58	6	A91101	A91101 Sequence 4
c5010	8	40.0	58	6	AR119701	AR119701 Sequence
c5011	8	40.0	58	6	AR123049	AR123049 Sequence
5012	8	40.0	58	6	AR146477	AR146477 Sequence
5013	8	40.0	58	6	AR156791	AR156791 Sequence
c5014	8	40.0	58	6	AR172874	AR172874 Sequence
5015	8	40.0	58	6	BD221599	BD221599 Soluble d
c5016	8	40.0	58	6	I38316	I38316 Sequence 3
c5017	8	40.0	58	6	I41114	I41114 Sequence 17
5018	8	40.0	58	6	I41115	I41115 Sequence 18
c5019	8	40.0	58	6	AR224174	AR224174 Sequence
c5020	8	40.0	58	6	AR258750	AR258750 Sequence
5021	8	40.0	58	6	AR366609	AR366609 Sequence
c5022	8	40.0	58	6	AR409348	AR409348 Sequence
5023	8	40.0	58	6	AR419216	AR419216 Sequence
5024	8	40.0	58	6	AR419329	AR419329 Sequence
5025	8	40.0	58	6	AR419383	AR419383 Sequence
c5026	8	40.0	58	6	AR523711	AR523711 Sequence
5027	8	40.0	58	6	AX006496	AX006496 Sequence
c5028	8	40.0	58	6	AX057562	AX057562 Sequence
c5029	8	40.0	58	6	AX326637	AX326637 Sequence
c5030	8	40.0	58	6	AX513509	AX513509 Sequence
c5031	8	40.0	58	6	AX902163	AX902163 Sequence
5032	8	40.0	58	6	AX979910	AX979910 Sequence
5033	8	40.0	58	6	AX980023	AX980023 Sequence
5034	8	40.0	58	6	AX980077	AX980077 Sequence
c5035	8	40.0	58	6	BD001711	BD001711 Compositi
c5036	8	40.0	58	6	BD001724	BD001724 Method fo
c5037	8	40.0	58	6	BD037696	BD037696 Sequence
5038	8	40.0	58	6	BD114769	BD114769 EST and e
5039	8	40.0	58	6	BD114882	BD114882 EST and e
5040	8	40.0	58	6	BD114936	BD114936 EST and e
c5041	8	40.0	59	1	S65908	S65908 anthranilat
5042	8	40.0	59	1	AF177051	AF177051 Proteus m
c5043	8	40.0	59	5	AH013435S2	AY372712 Pogonoper
5044	8	40.0	59	6	A38629	A38629 Sequence 22
5045	8	40.0	59	6	A42801	A42801 Sequence 13
5046	8	40.0	59	6	A42802	A42802 Sequence 13
c5047	8	40.0	59	6	A64754	A64754 Sequence 14
5048	8	40.0	59	6	AR051495	AR051495 Sequence
5049	8	40.0	59	6	AR052328	AR052328 Sequence
5050	8	40.0	59	6	AR072635	AR072635 Sequence
5051	8	40.0	59	6	AR073180	AR073180 Sequence
c5052	8	40.0	59	6	AR127686	AR127686 Sequence
c5053	8	40.0	59	6	AR161651	AR161651 Sequence
5054	8	40.0	59	6	BD234655	BD234655 Thymidine
5055	8	40.0	59	6	BD250820	BD250820 Glycosyla
c5056	8	40.0	59	6	I01083	I01083 Sequence 1

c5057	8	40.0	59	6	I75355	I75355 Sequence 10
5058	8	40.0	59	6	I87307	I87307 Sequence 13
5059	8	40.0	59	6	I87308	I87308 Sequence 13
5060	8	40.0	59	6	AR373201	AR373201 Sequence
5061	8	40.0	59	6	AR403651	AR403651 Sequence
5062	8	40.0	59	6	AR452750	AR452750 Sequence
c5063	8	40.0	59	6	AX684256	AX684256 Sequence
5064	8	40.0	59	6	BD106704	BD106704 Plastid p
5065	8	40.0	59	8	MZECPRN1	M16886 Maize 5S ri
5066	8	40.0	59	8	AF377029	AF377029 Filobasid
c5067	8	40.0	59	8	AJ835362	AJ835362 Arabidops
c5068	8	40.0	59	8	AJ835365	AJ835365 Arabidops
c5069	8	40.0	59	9	HSADD2S12	AF000092 Homo sapi
c5070	8	40.0	59	9	HSCLCHX20	Z25765 Homo sapien
5071	8	40.0	59	11	BX324025	BX324025 Arabidops
c5072	8	40.0	60	1	STMHRDBA	M37918 S.coelicolo
c5073	8	40.0	60	1	AF087285	AF087285 Chlamydia
c5074	8	40.0	60	5	REU75773	U75773 Raja eglant
c5075	8	40.0	60	6	A10403	A10403 Synthetic n
5076	8	40.0	60	6	A11677	A11677 Gamma-EA2A
c5077	8	40.0	60	6	A11678	A11678 Gamma-EA2A
5078	8	40.0	60	6	A19031	A19031 Nucleotide
c5079	8	40.0	60	6	A19032	A19032 Nucleotide
5080	8	40.0	60	6	A25141	A25141 Artificial
5081	8	40.0	60	6	A25142	A25142 Artificial
5082	8	40.0	60	6	A26374	A26374 M.musculus
c5083	8	40.0	60	6	A38642	A38642 Sequence 35
c5084	8	40.0	60	6	BD180792	BD180792 Array of
c5085	8	40.0	60	6	BD180804	BD180804 Array of
c5086	8	40.0	60	6	BD231144	BD231144 Shuffling
c5087	8	40.0	60	6	CQ535226	CQ535226 Sequence
c5088	8	40.0	60	6	CQ535261	CQ535261 Sequence
5089	8	40.0	60	6	CQ535309	CQ535309 Sequence
5090	8	40.0	60	6	CQ535323	CQ535323 Sequence
5091	8	40.0	60	6	CQ535403	CQ535403 Sequence
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5093	8	40.0	60	6	CQ535766	CQ535766 Sequence
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c5095	8	40.0	60	6	CQ535898	CQ535898 Sequence
c5096	8	40.0	60	6	CQ535940	CQ535940 Sequence
c5097	8	40.0	60	6	CQ535964	CQ535964 Sequence
c5098	8	40.0	60	6	CQ535979	CQ535979 Sequence
c5099	8	40.0	60	6	CQ536290	CQ536290 Sequence
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5102	8	40.0	60	6	CQ536457	CQ536457 Sequence
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5105	8	40.0	60	6	CQ536567	CQ536567 Sequence
c5106	8	40.0	60	6	CQ536631	CQ536631 Sequence
5107	8	40.0	60	6	CQ536671	CQ536671 Sequence
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5109	8	40.0	60	6	CQ536732	CQ536732 Sequence
5110	8	40.0	60	6	CQ536783	CQ536783 Sequence
5111	8	40.0	60	6	CQ536859	CQ536859 Sequence
c5112	8	40.0	60	6	CQ536881	CQ536881 Sequence
5113	8	40.0	60	6	CQ536895	CQ536895 Sequence
5114	8	40.0	60	6	CQ536989	CQ536989 Sequence
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5119	8	40.0	60	6	CQ537184	CQ537184 Sequence
c5120	8	40.0	60	6	CQ537436	CQ537436 Sequence
5121	8	40.0	60	6	CQ537453	CQ537453 Sequence
c5122	8	40.0	60	6	CQ537489	CQ537489 Sequence
c5123	8	40.0	60	6	CQ537561	CQ537561 Sequence
c5124	8	40.0	60	6	CQ537631	CQ537631 Sequence
c5125	8	40.0	60	6	CQ537639	CQ537639 Sequence
c5126	8	40.0	60	6	CQ537714	CQ537714 Sequence
5127	8	40.0	60	6	CQ537715	CQ537715 Sequence
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5133	8	40.0	60	6	CQ538011	CQ538011 Sequence
c5134	8	40.0	60	6	CQ538012	CQ538012 Sequence
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5137	8	40.0	60	6	CQ538098	CQ538098 Sequence
5138	8	40.0	60	6	CQ538165	CQ538165 Sequence
c5139	8	40.0	60	6	CQ538248	CQ538248 Sequence
c5140	8	40.0	60	6	CQ538314	CQ538314 Sequence
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c5143	8	40.0	60	6	CQ538498	CQ538498 Sequence
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c5145	8	40.0	60	6	CQ538896	CQ538896 Sequence
c5146	8	40.0	60	6	CQ538906	CQ538906 Sequence
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5148	8	40.0	60	6	CQ538927	CQ538927 Sequence
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5159	8	40.0	60	6	CQ539677	CQ539677 Sequence
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5162	8	40.0	60	6	CQ539951	CQ539951 Sequence
c5163	8	40.0	60	6	CQ539956	CQ539956 Sequence
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5165	8	40.0	60	6	CQ540081	CQ540081 Sequence
c5166	8	40.0	60	6	CQ540095	CQ540095 Sequence
c5167	8	40.0	60	6	CQ540227	CQ540227 Sequence
5168	8	40.0	60	6	CQ540266	CQ540266 Sequence
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5171	8	40.0	60	6	CQ540612	CQ540612 Sequence
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5179	8	40.0	60	6	CQ540837	CQ540837 Sequence
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5186	8	40.0	60	6	CQ541043	CQ541043 Sequence
c5187	8	40.0	60	6	CQ541141	CQ541141 Sequence
c5188	8	40.0	60	6	CQ541322	CQ541322 Sequence
c5189	8	40.0	60	6	CQ541345	CQ541345 Sequence
c5190	8	40.0	60	6	CQ541389	CQ541389 Sequence
5191	8	40.0	60	6	CQ541396	CQ541396 Sequence
c5192	8	40.0	60	6	CQ541485	CQ541485 Sequence
c5193	8	40.0	60	6	CQ541696	CQ541696 Sequence
c5194	8	40.0	60	6	CQ541712	CQ541712 Sequence
5195	8	40.0	60	6	CQ541771	CQ541771 Sequence
5196	8	40.0	60	6	CQ541799	CQ541799 Sequence
5197	8	40.0	60	6	CQ541860	CQ541860 Sequence
c5198	8	40.0	60	6	CQ541866	CQ541866 Sequence
c5199	8	40.0	60	6	CQ541921	CQ541921 Sequence
c5200	8	40.0	60	6	CQ541942	CQ541942 Sequence
5201	8	40.0	60	6	CQ541996	CQ541996 Sequence
c5202	8	40.0	60	6	CQ542002	CQ542002 Sequence

5203	8	40.0	60	6	CQ542127	CQ542127 Sequence
5204	8	40.0	60	6	CQ542145	CQ542145 Sequence
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c5206	8	40.0	60	6	CQ542191	CQ542191 Sequence
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5208	8	40.0	60	6	CQ542341	CQ542341 Sequence
5209	8	40.0	60	6	CQ542343	CQ542343 Sequence
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5211	8	40.0	60	6	CQ542477	CQ542477 Sequence
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5213	8	40.0	60	6	CQ542570	CQ542570 Sequence
5214	8	40.0	60	6	CQ542584	CQ542584 Sequence
5215	8	40.0	60	6	CQ542619	CQ542619 Sequence
5216	8	40.0	60	6	CQ542669	CQ542669 Sequence
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5218	8	40.0	60	6	CQ542678	CQ542678 Sequence
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5225	8	40.0	60	6	CQ543037	CQ543037 Sequence
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5228	8	40.0	60	6	CQ543165	CQ543165 Sequence
c5229	8	40.0	60	6	CQ543172	CQ543172 Sequence
5230	8	40.0	60	6	CQ543277	CQ543277 Sequence
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5232	8	40.0	60	6	CQ543533	CQ543533 Sequence
5233	8	40.0	60	6	CQ543653	CQ543653 Sequence
5234	8	40.0	60	6	CQ543715	CQ543715 Sequence
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5241	8	40.0	60	6	CQ543932	CQ543932 Sequence
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c5245	8	40.0	60	6	CQ544221	CQ544221 Sequence
5246	8	40.0	60	6	CQ544232	CQ544232 Sequence
c5247	8	40.0	60	6	CQ544279	CQ544279 Sequence
c5248	8	40.0	60	6	CQ544289	CQ544289 Sequence
5249	8	40.0	60	6	CQ544292	CQ544292 Sequence
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5251	8	40.0	60	6	CQ544432	CQ544432 Sequence
5252	8	40.0	60	6	CQ544480	CQ544480 Sequence
5253	8	40.0	60	6	CQ544597	CQ544597 Sequence
c5254	8	40.0	60	6	CQ544633	CQ544633 Sequence
c5255	8	40.0	60	6	CQ544736	CQ544736 Sequence
c5256	8	40.0	60	6	CQ544848	CQ544848 Sequence
5257	8	40.0	60	6	CQ544892	CQ544892 Sequence
c5258	8	40.0	60	6	CQ544906	CQ544906 Sequence
5259	8	40.0	60	6	CQ544934	CQ544934 Sequence
c5260	8	40.0	60	6	CQ544935	CQ544935 Sequence
5261	8	40.0	60	6	CQ544940	CQ544940 Sequence
c5262	8	40.0	60	6	CQ544978	CQ544978 Sequence
c5263	8	40.0	60	6	CQ545017	CQ545017 Sequence
c5264	8	40.0	60	6	CQ545063	CQ545063 Sequence
5265	8	40.0	60	6	CQ545142	CQ545142 Sequence
5266	8	40.0	60	6	CQ545169	CQ545169 Sequence
5267	8	40.0	60	6	CQ545211	CQ545211 Sequence
c5268	8	40.0	60	6	CQ545232	CQ545232 Sequence
5269	8	40.0	60	6	CQ545246	CQ545246 Sequence
5270	8	40.0	60	6	CQ545257	CQ545257 Sequence
c5271	8	40.0	60	6	CQ545264	CQ545264 Sequence
5272	8	40.0	60	6	CQ545304	CQ545304 Sequence
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c5405	8	40.0	60	6	CQ784663	CQ784663 Sequence
5406	8	40.0	60	6	E47125	E47125 Protein fro
5407	8	40.0	60	6	I00797	I00797 Sequence 1
c5408	8	40.0	60	6	I00798	I00798 Sequence 2
c5409	8	40.0	60	6	I00800	I00800 Sequence 4
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5411	8	40.0	60	6	I21123	I21123 Sequence 8
5412	8	40.0	60	6	I32148	I32148 Sequence 2
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5414	8	40.0	60	6	I59744	I59744 Sequence 8
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5416	8	40.0	60	6	I77231	I77231 Sequence 21
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c5437	8	40.0	60	6	AR561907	AR561907 Sequence
c5438	8	40.0	60	6	AR561913	AR561913 Sequence
c5439	8	40.0	60	6	AR561925	AR561925 Sequence
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c5441	8	40.0	60	6	AR561937	AR561937 Sequence
5442	8	40.0	60	6	AX351104	AX351104 Sequence
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5445	8	40.0	60	6	AX601600	AX601600 Sequence
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5453	8	40.0	60	6	AX805930	AX805930 Sequence
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c5455	8	40.0	60	6	AX958068	AX958068 Sequence
5456	8	40.0	60	6	BD006936	BD006936 Artificia
5457	8	40.0	60	6	BD006963	BD006963 Artificia
c5458	8	40.0	60	8	AJ835363	AJ835363 Arabidops
c5459	8	40.0	60	9	AF064908	AF064908 Homo sapi
c5460	8	40.0	60	9	S49071	S49071 immunoglobu
c5461	8	40.0	60	9	S69473	S69473 IgH=Ig heav
c5462	8	40.0	60	10	MUSALGAB	M38075 Mouse circu
c5463	8	40.0	60	10	AF265920	AF265920 Mus muscu
c5464	7	35.0	9	6	CQ788026	CQ788026 Sequence
5465	7	35.0	9	6	AX205221	AX205221 Sequence
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c5467	7	35.0	9	6	AX667024	AX667024 Sequence
c5468	7	35.0	9	6	AX668571	AX668571 Sequence
5469	7	35.0	9	6	AX668784	AX668784 Sequence
5470	7	35.0	9	6	AX668785	AX668785 Sequence
5471	7	35.0	9	6	AX668786	AX668786 Sequence
5472	7	35.0	9	6	BD084766	BD084766 Human ner
5473	7	35.0	10	6	A57560	A57560 Sequence 52
5474	7	35.0	10	6	A57562	A57562 Sequence 54
5475	7	35.0	10	6	AR004247	AR004247 Sequence
5476	7	35.0	10	6	AR102400	AR102400 Sequence
5477	7	35.0	10	6	AR121979	AR121979 Sequence
5478	7	35.0	10	6	AR121983	AR121983 Sequence
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c5480	7	35.0	10	6	AR128992	AR128992 Sequence
c5481	7	35.0	10	6	AR142141	AR142141 Sequence
c5482	7	35.0	10	6	BD161206	BD161206 Human act
c5483	7	35.0	10	6	BD161252	BD161252 Human act
5484	7	35.0	10	6	BD166403	BD166403 Method fo
c5485	7	35.0	10	6	BD166847	BD166847 Human liv
c5486	7	35.0	10	6	BD167045	BD167045 Human liv
c5487	7	35.0	10	6	BD222976	BD222976 CYP3A4 NF
c5488	7	35.0	10	6	BD238624	BD238624 Preparati
c5489	7	35.0	10	6	BD238901	BD238901 Preparati
5490	7	35.0	10	6	BD238926	BD238926 Preparati
c5491	7	35.0	10	6	BD239323	BD239323 Preparati
c5492	7	35.0	10	6	BD239462	BD239462 Preparati
c5493	7	35.0	10	6	BD239863	BD239863 Preparati
5494	7	35.0	10	6	BD240019	BD240019 Preparati

c5495	7	35.0	10	6	BD240092	BD240092 Preparati
c5496	7	35.0	10	6	BD240135	BD240135 Preparati
5497	7	35.0	10	6	BD240209	BD240209 Preparati
c5498	7	35.0	10	6	BD240220	BD240220 Preparati
5499	7	35.0	10	6	BD240365	BD240365 Preparati
c5500	7	35.0	10	6	BD240561	BD240561 Preparati
5501	7	35.0	10	6	BD240657	BD240657 Preparati
5502	7	35.0	10	6	BD248344	BD248344 Tobacco-o
c5503	7	35.0	10	6	CQ774813	CQ774813 Sequence
5504	7	35.0	10	6	CQ821475	CQ821475 Sequence
5505	7	35.0	10	6	CQ828944	CQ828944 Sequence
c5506	7	35.0	10	6	E05324	E05324 Anti-sense
5507	7	35.0	10	6	E27852	E27852 Method for
5508	7	35.0	10	6	E27855	E27855 Method for
c5509	7	35.0	10	6	E39497	E39497 Genes with
c5510	7	35.0	10	6	E54835	E54835 Human norma
5511	7	35.0	10	6	I13512	I13512 Sequence 4
c5512	7	35.0	10	6	I21680	I21680 Sequence 12
c5513	7	35.0	10	6	I73196	I73196 Sequence 10
5514	7	35.0	10	6	I73202	I73202 Sequence 16
5515	7	35.0	10	6	AR266750	AR266750 Sequence
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c5518	7	35.0	10	6	AR351731	AR351731 Sequence
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c5520	7	35.0	10	6	AR351878	AR351878 Sequence
5521	7	35.0	10	6	AX080414	AX080414 Sequence
c5522	7	35.0	10	6	AX113035	AX113035 Sequence
5523	7	35.0	10	6	AX152140	AX152140 Sequence
5524	7	35.0	10	6	AX152156	AX152156 Sequence
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c5536	7	35.0	10	6	AX301314	AX301314 Sequence
c5537	7	35.0	10	6	AX301340	AX301340 Sequence
c5538	7	35.0	10	6	AX301372	AX301372 Sequence
c5539	7	35.0	10	6	AX301603	AX301603 Sequence
5540	7	35.0	10	6	AX377313	AX377313 Sequence
c5541	7	35.0	10	6	AX421256	AX421256 Sequence
5542	7	35.0	10	6	AX467563	AX467563 Sequence
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c5544	7	35.0	10	6	AX667824	AX667824 Sequence
c5545	7	35.0	10	6	AX668224	AX668224 Sequence
c5546	7	35.0	10	6	AX668238	AX668238 Sequence
c5547	7	35.0	10	6	BD083172	BD083172 Human mat
5548	7	35.0	11	6	A81975	A81975 Sequence 54
5549	7	35.0	11	6	A82049	A82049 Sequence 49
5550	7	35.0	11	6	AR034482	AR034482 Sequence
5551	7	35.0	11	6	AR102364	AR102364 Sequence
c5552	7	35.0	11	6	AR131526	AR131526 Sequence
c5553	7	35.0	11	6	AR144103	AR144103 Sequence
5554	7	35.0	11	6	BD192272	BD192272 Peptides
5555	7	35.0	11	6	BD192277	BD192277 Peptides
5556	7	35.0	11	6	CQ828376	CQ828376 Sequence
5557	7	35.0	11	6	CQ828433	CQ828433 Sequence
5558	7	35.0	11	6	CQ828943	CQ828943 Sequence
5559	7	35.0	11	6	CQ829041	CQ829041 Sequence
5560	7	35.0	11	6	CQ832945	CQ832945 Sequence
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5567	7	35.0	11	6	CQ835644	CQ835644 Sequence
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5573	7	35.0	11	6	CQ836805	CQ836805 Sequence
5574	7	35.0	11	6	CQ836910	CQ836910 Sequence
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5577	7	35.0	11	6	CQ837448	CQ837448 Sequence
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c5579	7	35.0	11	6	CQ837689	CQ837689 Sequence
c5580	7	35.0	11	6	CQ837807	CQ837807 Sequence
c5581	7	35.0	11	6	CQ837827	CQ837827 Sequence
c5582	7	35.0	11	6	E05323	E05323 Anti-sense
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5584	7	35.0	11	6	I03850	I03850 Sequence 7
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5589	7	35.0	11	6	I65605	I65605 Sequence 49
5590	7	35.0	11	6	I69402	I69402 Sequence 54
5591	7	35.0	11	6	I72365	I72365 Sequence 54
5592	7	35.0	11	6	I90055	I90055 Sequence 92
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c5664	7	35.0	11	6	BD084944	BD084944 Target-de
c5665	7	35.0	11	6	BD095108	BD095108 A polynuc
c5666	7	35.0	11	6	BD124218	BD124218 Compositi
c5667	7	35.0	11	6	BD124418	BD124418 Compositi
5668	7	35.0	11	6	BD124438	BD124438 Compositi
c5669	7	35.0	12	6	A12536	A12536 oligonucleo
5670	7	35.0	12	6	A12615	A12615 Oligonucleo
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c5693	7	35.0	12	6	BD211446	BD211446 A novel i
5694	7	35.0	12	6	BD271980	BD271980 Methods a
5695	7	35.0	12	6	CQ821477	CQ821477 Sequence
c5696	7	35.0	12	6	CQ828958	CQ828958 Sequence
c5697	7	35.0	12	6	CQ828995	CQ828995 Sequence
5698	7	35.0	12	6	E04542	E04542 linker. 9/1
c5699	7	35.0	12	6	E05322	E05322 Anti-sense
5700	7	35.0	12	6	E29585	E29585 Method for
c5701	7	35.0	12	6	E29619	E29619 Method for
c5702	7	35.0	12	6	E29630	E29630 Method for
c5703	7	35.0	12	6	E29711	E29711 Method for
c5704	7	35.0	12	6	E29730	E29730 Method for
5705	7	35.0	12	6	E38691	E38691 Method and
c5706	7	35.0	12	6	E38725	E38725 Method and
c5707	7	35.0	12	6	E38736	E38736 Method and
c5708	7	35.0	12	6	E38817	E38817 Method and
c5709	7	35.0	12	6	E38836	E38836 Method and
5710	7	35.0	12	6	E64117	E64117 Method for
c5711	7	35.0	12	6	E64151	E64151 Method for
c5712	7	35.0	12	6	E64162	E64162 Method for
c5713	7	35.0	12	6	E64243	E64243 Method for
c5714	7	35.0	12	6	E64262	E64262 Method for
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c5718	7	35.0	12	6	I28894	I28894 Sequence 31
c5719	7	35.0	12	6	I33032	I33032 Sequence 31
c5720	7	35.0	12	6	I79628	I79628 Sequence 31
5721	7	35.0	12	6	I82193	I82193 Sequence 21
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5728	7	35.0	12	6	AR224415	AR224415 Sequence
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c5744	7	35.0	12	6	BD086514	BD086514 Tenascin
5745	7	35.0	12	6	BD101930	BD101930 Method of
c5746	7	35.0	13	6	A06844	A06844 primer. 11/
c5747	7	35.0	13	6	A07361	A07361 Primer DNA
c5748	7	35.0	13	6	A17340	A17340 primer sequ
c5749	7	35.0	13	6	A34849	A34849 Synthetic c
5750	7	35.0	13	6	A34850	A34850 Synthetic c
5751	7	35.0	13	6	A57634	A57634 Sequence 12
5752	7	35.0	13	6	AR004559	AR004559 Sequence
5753	7	35.0	13	6	AR029946	AR029946 Sequence
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5755	7	35.0	13	6	BD177943	BD177943 Sequence
5756	7	35.0	13	6	CQ828577	CQ828577 Sequence
5757	7	35.0	13	6	CQ859461	CQ859461 Sequence
c5758	7	35.0	13	6	E05321	E05321 Anti-sense
5759	7	35.0	13	6	I19222	I19222 Sequence 1
5760	7	35.0	13	6	I67674	I67674 Sequence 18
5761	7	35.0	13	6	I73194	I73194 Sequence 8
5762	7	35.0	13	6	I85566	I85566 Sequence 18
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c5764	7	35.0	13	6	AR306737	AR306737 Sequence
c5765	7	35.0	13	6	AR306747	AR306747 Sequence
5766	7	35.0	13	6	AR351591	AR351591 Sequence
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5770	7	35.0	13	6	AX398174	AX398174 Sequence
5771	7	35.0	13	6	AX492901	AX492901 Sequence
5772	7	35.0	13	6	AX598506	AX598506 Sequence
5773	7	35.0	14	6	A10879	A10879 Adaptor DNA
5774	7	35.0	14	6	A11883	A11883 Eco RI spec
5775	7	35.0	14	6	A11914	A11914 nucleotide
5776	7	35.0	14	6	A13764	A13764 oligonucleo
5777	7	35.0	14	6	A13768	A13768 oligonucleo
c5778	7	35.0	14	6	A40464	A40464 Sequence 1
5779	7	35.0	14	6	A40579	A40579 Sequence 11
c5780	7	35.0	14	6	A42615	A42615 Sequence 13
c5781	7	35.0	14	6	A88055	A88055 Sequence 20
5782	7	35.0	14	6	A88158	A88158 Sequence 30
c5783	7	35.0	14	6	A88185	A88185 Sequence 33
c5784	7	35.0	14	6	A88761	A88761 Sequence 90
c5785	7	35.0	14	6	A88804	A88804 Sequence 95
c5786	7	35.0	14	6	A88991	A88991 Sequence 11

5787	7	35.0	14	6	A89103	A89103 Sequence 12
c5788	7	35.0	14	6	A89161	A89161 Sequence 13
5789	7	35.0	14	6	A89329	A89329 Sequence 14
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5791	7	35.0	14	6	A90125	A90125 Sequence 30
c5792	7	35.0	14	6	A90152	A90152 Sequence 33
5793	7	35.0	14	6	A94064	A94064 Sequence 45
5794	7	35.0	14	6	A94065	A94065 Sequence 46
c5795	7	35.0	14	6	AR010029	AR010029 Sequence
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c5797	7	35.0	14	6	AR034764	AR034764 Sequence
c5798	7	35.0	14	6	AR164788	AR164788 Sequence
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5800	7	35.0	14	6	BD134504	BD134504 Oligo-DNA
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5802	7	35.0	14	6	BD181063	BD181063 Amplifica
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5804	7	35.0	14	6	BD203587	BD203587 Method an
c5805	7	35.0	14	6	BD222899	BD222899 KVLQT1-QT
5806	7	35.0	14	6	BD234821	BD234821 FAP-alpha
5807	7	35.0	14	6	BD234822	BD234822 FAP-alpha
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5817	7	35.0	14	6	AR232599	AR232599 Sequence
c5818	7	35.0	14	6	AR232744	AR232744 Sequence
5819	7	35.0	14	6	AR232859	AR232859 Sequence
c5820	7	35.0	14	6	AR262184	AR262184 Sequence
c5821	7	35.0	14	6	AR285085	AR285085 Sequence
c5822	7	35.0	14	6	AR344622	AR344622 Sequence
c5823	7	35.0	14	6	AR364778	AR364778 Sequence
5824	7	35.0	14	6	AX011149	AX011149 Sequence
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c5827	7	35.0	14	6	AX316360	AX316360 Sequence
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5829	7	35.0	14	6	AX356638	AX356638 Sequence
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5833	7	35.0	14	6	AX802100	AX802100 Sequence
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5836	7	35.0	14	6	BD064798	BD064798 Method fo
5837	7	35.0	14	6	BD064952	BD064952 Method fo
5838	7	35.0	14	6	BD064954	BD064954 Method fo
c5839	7	35.0	14	6	BD065568	BD065568 An antise
5840	7	35.0	14	6	BD065671	BD065671 An antise
c5841	7	35.0	14	6	BD065698	BD065698 An antise
c5842	7	35.0	14	6	BD066274	BD066274 An antise
c5843	7	35.0	14	6	BD066317	BD066317 An antise
c5844	7	35.0	14	6	BD066504	BD066504 An antise
5845	7	35.0	14	6	BD066616	BD066616 An antise
c5846	7	35.0	14	6	BD066674	BD066674 An antise
5847	7	35.0	14	6	BD066842	BD066842 An antise
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c5850	7	35.0	14	6	BD086512	BD086512 Tenascin
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5853	7	35.0	15	6	A07465	A07465 markush. 3/
5854	7	35.0	15	6	A12758	A12758 primer. 12/
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c5857	7	35.0	15	6	A87896	A87896 Sequence 44
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5910	7	35.0	15	6	AR131851	AR131851 Sequence
5911	7	35.0	15	6	AR133697	AR133697 Sequence
5912	7	35.0	15	6	AR133698	AR133698 Sequence
5913	7	35.0	15	6	AR133699	AR133699 Sequence
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c5917	7	35.0	15	6	AR168859	AR168859 Sequence
5918	7	35.0	15	6	AR178414	AR178414 Sequence
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5920	7	35.0	15	6	BD206423	BD206423 Enzymatic
5921	7	35.0	15	6	BD206982	BD206982 Enzymatic
5922	7	35.0	15	6	BD207201	BD207201 Enzymatic
5923	7	35.0	15	6	BD207352	BD207352 Enzymatic
5924	7	35.0	15	6	BD207434	BD207434 Enzymatic
5925	7	35.0	15	6	BD208298	BD208298 Enzymatic
5926	7	35.0	15	6	BD208299	BD208299 Enzymatic
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c5931	7	35.0	15	6	BD208370	BD208370 Enzymatic
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5933	7	35.0	15	6	BD208610	BD208610 Enzymatic
5934	7	35.0	15	6	BD209024	BD209024 Enzymatic
5935	7	35.0	15	6	BD209025	BD209025 Enzymatic
5936	7	35.0	15	6	BD209026	BD209026 Enzymatic
5937	7	35.0	15	6	BD209027	BD209027 Enzymatic
c5938	7	35.0	15	6	BD242603	BD242603 High effi
5939	7	35.0	15	6	BD265725	BD265725 Heat-indu
c5940	7	35.0	15	6	BD266175	BD266175 Universal
c5941	7	35.0	15	6	CQ759129	CQ759129 Sequence
c5942	7	35.0	15	6	CQ797670	CQ797670 Sequence
c5943	7	35.0	15	6	CQ828957	CQ828957 Sequence
c5944	7	35.0	15	6	CQ828994	CQ828994 Sequence
5945	7	35.0	15	6	E03996	E03996 Allele-spec
c5946	7	35.0	15	6	E04000	E04000 Allele-spec
5947	7	35.0	15	6	E04970	E04970 Primer. 9/1
c5948	7	35.0	15	6	E05308	E05308 Anti-sense
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c5950	7	35.0	15	6	E05316	E05316 Anti-sense
c5951	7	35.0	15	6	E05317	E05317 Anti-sense
c5952	7	35.0	15	6	E05318	E05318 Anti-sense
c5953	7	35.0	15	6	E05319	E05319 Anti-sense
5954	7	35.0	15	6	I13886	I13886 Sequence 12
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c5956	7	35.0	15	6	I36145	I36145 Sequence 29
5957	7	35.0	15	6	I38902	I38902 Sequence 12
5958	7	35.0	15	6	I39414	I39414 Sequence 45
5959	7	35.0	15	6	I57478	I57478 Sequence 15
5960	7	35.0	15	6	I57697	I57697 Sequence 23
5961	7	35.0	15	6	I57848	I57848 Sequence 38
5962	7	35.0	15	6	I57930	I57930 Sequence 46
c5963	7	35.0	15	6	I61681	I61681 Sequence 23
c5964	7	35.0	15	6	I61759	I61759 Sequence 31
c5965	7	35.0	15	6	I61760	I61760 Sequence 31
c5966	7	35.0	15	6	I61761	I61761 Sequence 31
5967	7	35.0	15	6	I79803	I79803 Sequence 10
5968	7	35.0	15	6	I81252	I81252 Sequence 3
5969	7	35.0	15	6	I86425	I86425 Sequence 33
5970	7	35.0	15	6	I87933	I87933 Sequence 12
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c5972	7	35.0	15	6	AR180096	AR180096 Sequence
c5973	7	35.0	15	6	AR180164	AR180164 Sequence
c5974	7	35.0	15	6	AR180179	AR180179 Sequence
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c5976	7	35.0	15	6	AR180310	AR180310 Sequence
5977	7	35.0	15	6	AR180335	AR180335 Sequence
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c5979	7	35.0	15	6	AR180401	AR180401 Sequence
c5980	7	35.0	15	6	AR180677	AR180677 Sequence
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c5993	7	35.0	15	6	AR284980	AR284980 Sequence
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5995	7	35.0	15	6	AR397710	AR397710 Sequence
c5996	7	35.0	15	6	AR474184	AR474184 Sequence
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c5998	7	35.0	15	6	AR560346	AR560346 Sequence
5999	7	35.0	15	6	AR560394	AR560394 Sequence
c6000	7	35.0	15	6	AR560426	AR560426 Sequence
c6001	7	35.0	15	6	AR560443	AR560443 Sequence
c6002	7	35.0	15	6	AX003571	AX003571 Sequence
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6004	7	35.0	15	6	AX033759	AX033759 Sequence
6005	7	35.0	15	6	AX040885	AX040885 Sequence
c6006	7	35.0	15	6	AX052584	AX052584 Sequence
c6007	7	35.0	15	6	AX055877	AX055877 Sequence
c6008	7	35.0	15	6	AX101119	AX101119 Sequence
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c6010	7	35.0	15	6	AX377268	AX377268 Sequence
6011	7	35.0	15	6	AX377285	AX377285 Sequence
c6012	7	35.0	15	6	AX456739	AX456739 Sequence
6013	7	35.0	15	6	AX632869	AX632869 Sequence
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6015	7	35.0	15	6	AX633156	AX633156 Sequence
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c6026	7	35.0	15	6	AX636085	AX636085 Sequence
c6027	7	35.0	15	6	AX636126	AX636126 Sequence
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6032	7	35.0	15	6	AX799148	AX799148 Sequence
c6033	7	35.0	15	6	AX799149	AX799149 Sequence
6034	7	35.0	15	6	AX838788	AX838788 Sequence
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6036	7	35.0	15	6	BD005796	BD005796 Novel pro
c6037	7	35.0	15	6	BD005807	BD005807 Novel pro
6038	7	35.0	15	6	BD005855	BD005855 Novel pro
c6039	7	35.0	15	6	BD005887	BD005887 Novel pro
c6040	7	35.0	15	6	BD005904	BD005904 Novel pro
6041	7	35.0	15	6	BD023158	BD023158 Glutathio
6042	7	35.0	15	6	BD063062	BD063062 Gene iden
6043	7	35.0	15	6	BD065016	BD065016 A method
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c6045	7	35.0	15	6	BD065409	BD065409 An antise
c6046	7	35.0	15	6	BD065683	BD065683 An antise
c6047	7	35.0	15	6	BD087015	BD087015 HIV-1 Tat
c6048	7	35.0	15	6	BD104667	BD104667 Kit and m
c6049	7	35.0	15	6	BD104670	BD104670 Kit and m
c6050	7	35.0	15	6	BD104672	BD104672 Kit and m
c6051	7	35.0	15	6	BD104674	BD104674 Kit and m
c6052	7	35.0	15	6	BD104675	BD104675 Kit and m
c6053	7	35.0	15	6	BD104676	BD104676 Kit and m
c6054	7	35.0	15	6	BD104677	BD104677 Kit and m
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c6056	7	35.0	16	6	A03932	A03932 Nucleotide
c6057	7	35.0	16	6	A03936	A03936 Nucleotide
c6058	7	35.0	16	6	A08781	A08781 reverse com
c6059	7	35.0	16	6	A09969	A09969 Probe 33.15
c6060	7	35.0	16	6	A13621	A13621 oligonucleo
c6061	7	35.0	16	6	A22591	A22591 Oligonucleo
c6062	7	35.0	16	6	A22592	A22592 Oligonucleo
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6064	7	35.0	16	6	A33212	A33212 Synthetic H
c6065	7	35.0	16	6	A39059	A39059 Sequence 31
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6070	7	35.0	16	6	A65724	A65724 Sequence 5
6071	7	35.0	16	6	A66864	A66864 Sequence 31
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6073	7	35.0	16	6	A89401	A89401 Sequence 15
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c6078	7	35.0	16	6	AR063398	AR063398 Sequence

6079	7	35.0	16	6	AR082858	AR082858 Sequence
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6086	7	35.0	16	6	AR145777	AR145777 Sequence
c6087	7	35.0	16	6	AR176670	AR176670 Sequence
c6088	7	35.0	16	6	BD209829	BD209829 Electroni
c6089	7	35.0	16	6	BD232066	BD232066 Therapeut
6090	7	35.0	16	6	BD234638	BD234638 Thymidine
c6091	7	35.0	16	6	BD260021	BD260021 Hybridiza
c6092	7	35.0	16	6	CQ759133	CQ759133 Sequence
c6093	7	35.0	16	6	CQ759134	CQ759134 Sequence
6094	7	35.0	16	6	CQ806706	CQ806706 Sequence
6095	7	35.0	16	6	CQ808287	CQ808287 Sequence
c6096	7	35.0	16	6	CQ808388	CQ808388 Sequence
c6097	7	35.0	16	6	CQ808453	CQ808453 Sequence
c6098	7	35.0	16	6	CQ808540	CQ808540 Sequence
6099	7	35.0	16	6	CQ808589	CQ808589 Sequence
c6100	7	35.0	16	6	CQ808676	CQ808676 Sequence
6101	7	35.0	16	6	CQ831694	CQ831694 Sequence
c6102	7	35.0	16	6	CQ857878	CQ857878 Sequence
c6103	7	35.0	16	6	CQ858351	CQ858351 Sequence
6104	7	35.0	16	6	CQ858364	CQ858364 Sequence
c6105	7	35.0	16	6	CQ858400	CQ858400 Sequence
6106	7	35.0	16	6	CQ858556	CQ858556 Sequence
6107	7	35.0	16	6	CQ858594	CQ858594 Sequence
6108	7	35.0	16	6	CQ858627	CQ858627 Sequence
6109	7	35.0	16	6	E04100	E04100 Primer for
c6110	7	35.0	16	6	E51404	E51404 Method for
c6111	7	35.0	16	6	I14457	I14457 Sequence 31
c6112	7	35.0	16	6	I27300	I27300 Sequence 31
c6113	7	35.0	16	6	I28093	I28093 Sequence 26
c6114	7	35.0	16	6	I40591	I40591 Sequence 19
c6115	7	35.0	16	6	I40862	I40862 Sequence 19
c6116	7	35.0	16	6	I40890	I40890 Sequence 19
6117	7	35.0	16	6	I52076	I52076 Sequence 18
c6118	7	35.0	16	6	I56832	I56832 Sequence 19
c6119	7	35.0	16	6	I62228	I62228 Sequence 78
c6120	7	35.0	16	6	I82192	I82192 Sequence 20
6121	7	35.0	16	6	I84235	I84235 Sequence 6
6122	7	35.0	16	6	AR230234	AR230234 Sequence
6123	7	35.0	16	6	AR235531	AR235531 Sequence
c6124	7	35.0	16	6	AR267325	AR267325 Sequence
c6125	7	35.0	16	6	AR267330	AR267330 Sequence
6126	7	35.0	16	6	AR285647	AR285647 Sequence
6127	7	35.0	16	6	AR285648	AR285648 Sequence
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6129	7	35.0	16	6	AR285663	AR285663 Sequence
c6130	7	35.0	16	6	AR305735	AR305735 Sequence
c6131	7	35.0	16	6	AR305740	AR305740 Sequence
6132	7	35.0	16	6	AR328490	AR328490 Sequence
6133	7	35.0	16	6	AR328507	AR328507 Sequence
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6135	7	35.0	16	6	AR329605	AR329605 Sequence
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6137	7	35.0	16	6	AR363611	AR363611 Sequence
6138	7	35.0	16	6	AR397638	AR397638 Sequence
6139	7	35.0	16	6	AR397639	AR397639 Sequence
c6140	7	35.0	16	6	AR397652	AR397652 Sequence
6141	7	35.0	16	6	AR397654	AR397654 Sequence
6142	7	35.0	16	6	AR410046	AR410046 Sequence
6143	7	35.0	16	6	AR435743	AR435743 Sequence
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6145	7	35.0	16	6	AR436084	AR436084 Sequence
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6147	7	35.0	16	6	AR474408	AR474408 Sequence
6148	7	35.0	16	6	AR475472	AR475472 Sequence
6149	7	35.0	16	6	AR488366	AR488366 Sequence
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6157	7	35.0	16	6	AX139231	AX139231 Sequence
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c6160	7	35.0	16	6	AX405079	AX405079 Sequence
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6174	7	35.0	16	6	BD013515	BD013515 Diagnosis
c6175	7	35.0	16	6	BD066316	BD066316 An antise
6176	7	35.0	16	6	BD066914	BD066914 An antise
c6177	7	35.0	16	6	BD074179	BD074179 Examinati
6178	7	35.0	16	6	BD088574	BD088574 A method
6179	7	35.0	16	6	BD093168	BD093168 A gene co
6180	7	35.0	16	6	BD104469	BD104469 Kit and m
c6181	7	35.0	16	6	BD104530	BD104530 Kit and m
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c6184	7	35.0	16	6	BD104547	BD104547 Kit and m
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c6187	7	35.0	16	6	BD104559	BD104559 Kit and m
c6188	7	35.0	16	6	BD104721	BD104721 Kit and m
c6189	7	35.0	16	6	BD104722	BD104722 Kit and m
6190	7	35.0	16	6	BD130535	BD130535 Ligand re
6191	7	35.0	16	6	BD130536	BD130536 Ligand re
6192	7	35.0	16	12	AB069223	AB069223 Synthetic
6193	7	35.0	16	12	AB069552	AB069552 Synthetic
6194	7	35.0	17	6	A25087	A25087 Synthetic S
c6195	7	35.0	17	6	A25088	A25088 Synthetic S
c6196	7	35.0	17	6	A26520	A26520 PT-130G mut
6197	7	35.0	17	6	A27323	A27323 Artificial
6198	7	35.0	17	6	A29551	A29551 Oligonucleo
6199	7	35.0	17	6	A36153	A36153 Sequence 11
c6200	7	35.0	17	6	A36154	A36154 Sequence 12
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6202	7	35.0	17	6	A52562	A52562 Sequence 11
6203	7	35.0	17	6	A57579	A57579 Sequence 71
6204	7	35.0	17	6	A57591	A57591 Sequence 83
6205	7	35.0	17	6	A57595	A57595 Sequence 87
6206	7	35.0	17	6	A57614	A57614 Sequence 10
6207	7	35.0	17	6	A57628	A57628 Sequence 12
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6211	7	35.0	17	6	A89364	A89364 Sequence 15
6212	7	35.0	17	6	A89365	A89365 Sequence 15
6213	7	35.0	17	6	A89400	A89400 Sequence 15
6214	7	35.0	17	6	A98470	A98470 Sequence 9
c6215	7	35.0	17	6	AR002186	AR002186 Sequence
c6216	7	35.0	17	6	AR002627	AR002627 Sequence
6217	7	35.0	17	6	AR011298	AR011298 Sequence
6218	7	35.0	17	6	AR021240	AR021240 Sequence
c6219	7	35.0	17	6	AR022370	AR022370 Sequence
6220	7	35.0	17	6	AR034104	AR034104 Sequence
6221	7	35.0	17	6	AR035155	AR035155 Sequence
c6222	7	35.0	17	6	AR039735	AR039735 Sequence
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c6224	7	35.0	17	6	AR039739	AR039739 Sequence

c6225	7	35.0	17	6	AR039741	AR039741 Sequence
c6226	7	35.0	17	6	AR039743	AR039743 Sequence
6227	7	35.0	17	6	AR040981	AR040981 Sequence
6228	7	35.0	17	6	AR045633	AR045633 Sequence
6229	7	35.0	17	6	AR045643	AR045643 Sequence
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6275	7	35.0	17	6	BD168819	BD168819 A method
6276	7	35.0	17	6	BD178175	BD178175 A method
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6278	7	35.0	17	6	BD191545	BD191545 Diagnosis
6279	7	35.0	17	6	BD192460	BD192460 Compositi
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6283	7	35.0	17	6	BD198712	BD198712 Method an
6284	7	35.0	17	6	BD198713	BD198713 Method an
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6289	7	35.0	17	6	BD201019	BD201019 Method an
6290	7	35.0	17	6	BD201020	BD201020 Method an
6291	7	35.0	17	6	BD201021	BD201021 Method an
6292	7	35.0	17	6	BD201022	BD201022 Method an
6293	7	35.0	17	6	BD202958	BD202958 Method an
c6294	7	35.0	17	6	BD204810	BD204810 Novel hum
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c6499	7	35.0	17	6	CQ625424	CQ625424 Sequence
c6500	7	35.0	17	6	CQ625425	CQ625425 Sequence

Search completed: October 28, 2005, 19:38:50
Job time : 1648 secs

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GenCore version 5.1.6
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OM nucleic - nucleic search, using sw model

Run on: October 28, 2005, 18:21:30 ; Search time 260 Seconds
(without alignments)
455.365 Million cell updates/sec

Title: US-10-729-421-45
Perfect score: 20
Sequence: 1 gtccacctcttgcgaaggac 20

Scoring table: OLIGO_NUC
Gapop 60.0 , Gapext 60.0

Searched: 4390206 seqs, 2959870667 residues

Word size : 0

Total number of hits satisfying chosen parameters: 4316768

Minimum DB seq length: 0
Maximum DB seq length: 60

Post-processing: Listing first 6500 summaries

Database : N_Geneseq_16Dec04:*
1: geneseqn1980s:*
2: geneseqn1990s:*
3: geneseqn2000s:*
4: geneseqn2001as:*
5: geneseqn2001bs:*
6: geneseqn2002as:*
7: geneseqn2002bs:*
8: geneseqn2003as:*
9: geneseqn2003bs:*
10: geneseqn2003cs:*
11: geneseqn2003ds:*
12: geneseqn2004as:*
13: geneseqn2004bs:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

	Result No.	Score	% Query Match	Length	DB	ID	Description
	1	20	100.0	20	12	ADQ30675	Adq30675 West Nile
	2	20	100.0	32	12	ADQ30677	Adq30677 West Nile
	3	19	95.0	23	12	ADN36824	Adn36824 West Nile
c	4	18	90.0	19	12	ADN36778	Adn36778 West Nile
c	5	18	90.0	19	12	ADN36847	Adn36847 West Nile
c	6	18	90.0	20	12	ADN36848	Adn36848 West Nile
c	7	18	90.0	20	12	ADN36777	Adn36777 West Nile
c	8	18	90.0	29	12	ADN36854	Adn36854 West Nile
c	9	18	90.0	30	12	ADN36855	Adn36855 West Nile
c	10	17	85.0	17	6	ACN02091	Acn02091 WNV Inozy
	11	17	85.0	17	6	ACN08838	Acn08838 WNV minus
	12	17	85.0	17	6	ACN11372	Acn11372 WNV minus
	13	17	85.0	17	6	ACN08839	Acn08839 WNV minus
c	14	17	85.0	17	6	ACN06059	Acn06059 WNV Amber
	15	17	85.0	17	6	ACN13164	Acn13164 WNV minus
c	16	17	85.0	18	12	ADN36846	Adn36846 West Nile
c	17	17	85.0	28	12	ADN36853	Adn36853 West Nile
c	18	16	80.0	17	6	ACN03879	Acn03879 WNV Zinzy
	19	16	80.0	17	6	ACN11371	Acn11371 WNV minus
c	20	16	80.0	17	12	ADN36843	Adn36843 West Nile
c	21	16	80.0	18	12	ADN36845	Adn36845 West Nile
c	22	16	80.0	27	12	ADN36850	Adn36850 West Nile
c	23	16	80.0	28	12	ADN36852	Adn36852 West Nile
c	24	15	75.0	16	12	ADN36842	Adn36842 West Nile
c	25	15	75.0	17	6	ACN06060	Acn06060 WNV Amber
c	26	15	75.0	17	6	ACN00484	Acn00484 WNV Hamme
	27	15	75.0	17	6	ACN14938	Acn14938 WNV minus
	28	15	75.0	17	6	ACN11370	Acn11370 WNV minus
c	29	15	75.0	26	12	ADN36849	Adn36849 West Nile
c	30	14	70.0	17	6	ACN00483	Acn00483 WNV Hamme
c	31	14	70.0	17	6	ACN03880	Acn03880 WNV Zinzy
c	32	13	65.0	17	2	AAA18848	Aaa18848 Human TIE
c	33	13	65.0	17	2	AAA18847	Aaa18847 Human TIE
	34	13	65.0	17	6	ACN11369	Acn11369 WNV minus
c	35	13	65.0	17	6	ACN02090	Acn02090 WNV Inozy
	36	13	65.0	20	12	ADK97369	Adk97369 Primer of
	37	13	65.0	60	6	ABN39650	Abn39650 Human spl
	38	12	60.0	17	2	AAT53511	Aat53511 Rat ICAM
	39	12	60.0	17	2	AAT53747	Aat53747 Rat ICAM
	40	12	60.0	17	2	AAT53772	Aat53772 Rat ICAM
	41	12	60.0	17	2	AAT53774	Aat53774 Rat ICAM
c	42	12	60.0	17	6	ACN02089	Acn02089 WNV Inozy
	43	12	60.0	17	6	ACN11368	Acn11368 WNV minus
	44	12	60.0	17	6	ACN14939	Acn14939 WNV minus
c	45	12	60.0	17	6	ACN06061	Acn06061 WNV Amber
c	46	12	60.0	20	2	AAT60547	Aat60547 Primer to
c	47	12	60.0	20	3	AAA29661	Aaa29661 CaMV35S p
c	48	12	60.0	20	6	ABK68200	Abk68200 Mouse HYP
c	49	12	60.0	20	6	ABK71104	Abk71104 Mouse HYP
c	50	12	60.0	20	6	ABQ78428	Abq78428 Primer lo
	51	12	60.0	20	6	ABI95149	Abi95149 Capture o
c	52	12	60.0	20	6	AAD31542	Aad31542 35S PCR p
c	53	12	60.0	20	8	ABX13608	Abx13608 Coffee AC
c	54	12	60.0	20	9	ADA15243	Ada15243 Mouse HYP
c	55	12	60.0	20	9	ADB95805	Adb95805 Mouse HYP
c	56	12	60.0	20	10	ADD85184	Add85184 CMV35S pr
c	57	12	60.0	20	10	ADE94022	Ade94022 Coffee AC
c	58	12	60.0	20	13	ADS73314	Ads73314 Plant 3 R
c	59	12	60.0	20	13	ADS16845	Ads16845 Lhd4-rela
c	60	12	60.0	21	2	AAX99254	Aax99254 Potyvirus
	61	12	60.0	21	3	AAZ93947	Aaz93947 Primer fo
c	62	12	60.0	21	8	ACA96123	Aca96123 Flavonoid
c	63	12	60.0	21	8	ACA96159	Aca96159 Flavonoid
c	64	12	60.0	21	8	ACA96143	Aca96143 Flavonoid
c	65	12	60.0	21	8	ACA96160	Aca96160 Flavonoid
c	66	12	60.0	21	9	ACD02530	Acd02530 PCR prime
c	67	12	60.0	21	9	ACD02535	Acd02535 PCR prime
c	68	12	60.0	22	2	AAQ70896	Aaq70896 Primer co
c	69	12	60.0	22	6	AAL50765	Aal50765 Vector pB
c	70	12	60.0	22	8	ACC41001	Acc41001 Perennial
c	71	12	60.0	22	9	ACD02526	Acd02526 PCR prime
c	72	12	60.0	22	11	ADM83403	Adm83403 pBAICa2 v
	73	12	60.0	22	12	ADJ62830	Adj62830 Corn even
c	74	12	60.0	24	3	AAA71897	Aaa71897 Soybean R
	75	12	60.0	24	6	ABI86868	Abi86868 Capture o
c	76	12	60.0	24	6	ABI86869	Abi86869 Capture o
c	77	12	60.0	24	8	ACC41005	Acc41005 Perennial
c	78	12	60.0	24	8	ACA96155	Aca96155 Flavonoid
c	79	12	60.0	24	8	ACA96157	Aca96157 Flavonoid
c	80	12	60.0	24	8	AAD54431	Aad54431 Lolium pe
c	81	12	60.0	24	8	AAD54426	Aad54426 Lolium pe
c	82	12	60.0	24	8	AAD52499	Aad52499 Arabidops
c	83	12	60.0	25	8	AAD54424	Aad54424 Lolium pe
c	84	12	60.0	25	10	ACC58878	Acc58878 DNA probe
c	85	12	60.0	25	12	ADP02863	Adp02863 S america
c	86	12	60.0	26	6	ABK85514	Abk85514 Probe for
	87	12	60.0	26	8	ACD13261	Acd13261 Novel hum
	88	12	60.0	27	4	AAF85039	Aaf85039 Primer us
c	89	12	60.0	28	3	AAA08661	Aaa08661 Primer GV
	90	12	60.0	28	10	ADC98657	Adc98657 Tobacco c
c	91	12	60.0	30	3	ABL58212	Abl58212 PCR prime
c	92	12	60.0	30	12	ADM10661	Adm10661 Terminal
c	93	12	60.0	38	2	AAV65741	Aav65741 Germin si

c 94	12	60.0	38	8	ABZ70574	Abz70574 Germin si
95	12	60.0	41	6	AAL38079	Aal38079 Eukaryoti
c 96	12	60.0	50	3	AAA51885	Aaa51885 Primer Ca
c 97	12	60.0	56	2	AAQ25656	Aaq25656 CaMV35S p
c 98	12	60.0	59	2	AAV03096	Aav03096 RNA aptam
99	12	60.0	60	4	AAF61870	Aaf61870 CaMV 35S-
c 100	12	60.0	60	6	ABN41897	Abn41897 Human spl
101	11	55.0	15	3	AAZ44384	Aaz44384 Human pro
c 102	11	55.0	15	6	ABL91849	Abl91849 Human LIP
c 103	11	55.0	17	6	ACN06062	Acn06062 WNV Amber
c 104	11	55.0	17	6	ACN00482	Acn00482 WNV Hamme
105	11	55.0	17	6	ACN14940	Acn14940 WNV minus
106	11	55.0	17	6	ACN08837	Acn08837 WNV minus
c 107	11	55.0	17	8	ABT35775	Abt35775 Tumour su
108	11	55.0	17	10	ADF62337	Adf62337 Human PCC
109	11	55.0	17	10	ADF62343	Adf62343 Human PCC
110	11	55.0	17	10	ADF62339	Adf62339 Human PCC
111	11	55.0	17	10	ADF62342	Adf62342 Human PCC
112	11	55.0	17	10	ADF62338	Adf62338 Human PCC
113	11	55.0	17	10	ADF62341	Adf62341 Human PCC
114	11	55.0	17	10	ADF62340	Adf62340 Human PCC
115	11	55.0	17	13	ADR74806	Adr74806 Allele sp
116	11	55.0	17	13	ADR74805	Adr74805 Allele sp
c 117	11	55.0	18	2	AAQ79894	Aaq79894 Primer to
118	11	55.0	19	9	ADA25395	Ada25395 Human PKC
c 119	11	55.0	19	9	ADA25270	Ada25270 Human PKC
120	11	55.0	19	10	ADF48373	Adf48373 Human Myb
c 121	11	55.0	19	10	ADF48194	Adf48194 Human Myb
122	11	55.0	20	2	AAQ49657	Aaq49657 PKC 5' UT
123	11	55.0	20	2	AAQ97874	Aaq97874 PNA oligo
124	11	55.0	20	2	AAQ84159	Aaq84159 PKC-alpha
125	11	55.0	20	2	AAX36456	Aax36456 Chimeric
126	11	55.0	20	2	AAV35501	Aav35501 Oligo ON1
127	11	55.0	20	2	AAX22562	Aax22562 Human pro
128	11	55.0	20	2	AAX78524	Aax78524 Human PKC
129	11	55.0	20	2	AAZ01554	Aaz01554 PCR prime
130	11	55.0	20	2	AAX83633	Aax83633 Human pro
131	11	55.0	20	2	AAX19128	Aax19128 Human PKC
132	11	55.0	20	2	AAZ27266	Aaz27266 Human pro
c 133	11	55.0	20	4	AAH27991	Aah27991 PCR prime
134	11	55.0	20	4	AAD21403	Aad21403 Human PKC
c 135	11	55.0	20	6	ABS54120	Abs54120 Cauliflow
136	11	55.0	20	6	ABL90854	Abl90854 Human pro
137	11	55.0	20	9	ACH11133	Ach11133 Human pro
138	11	55.0	20	12	ADH47908	Adh47908 Protein k
139	11	55.0	20	12	ADJ31936	Adj31936 Human orp
c 140	11	55.0	20	12	ADI28693	Adi28693 Hansenula
c 141	11	55.0	20	12	ADJ24884	Adj24884 Human end
c 142	11	55.0	20	12	ADJ24679	Adj24679 Human end
c 143	11	55.0	20	12	ADJ24358	Adj24358 Human end
c 144	11	55.0	20	12	ADJ24552	Adj24552 Human end
c 145	11	55.0	20	12	ADJ24339	Adj24339 Human end
c 146	11	55.0	20	12	ADJ24582	Adj24582 Human end
c 147	11	55.0	20	12	ADJ24233	Adj24233 Human end
c 148	11	55.0	20	12	ADJ24314	Adj24314 Human end
c 149	11	55.0	20	12	ADJ24021	Adj24021 Human end
c 150	11	55.0	20	12	ADJ25109	Adj25109 Human end
c 151	11	55.0	22	13	ADR04928	Adr04928 NF-kappaB
c 152	11	55.0	24	3	AAC63874	Aac63874 Human foe
c 153	11	55.0	24	5	AAH49553	Aah49553 Primer #5
c 154	11	55.0	24	6	ABK85507	Abk85507 Roundup R
c 155	11	55.0	24	6	AAL41289	Aal41289 Oligonucl
c 156	11	55.0	24	6	ABI87525	Abi87525 Capture o
c 157	11	55.0	24	6	ABI87009	Abi87009 Capture o
158	11	55.0	24	6	ABI87008	Abi87008 Capture o
159	11	55.0	24	6	ABI87524	Abi87524 Capture o
c 160	11	55.0	24	8	ACC41006	Acc41006 Perennial
c 161	11	55.0	24	8	ACC69319	Acc69319 RRS nucle
c 162	11	55.0	24	8	ACC00082	Acc00082 Primer #1
c 163	11	55.0	24	10	ADC21538	Adc21538 Human DNA
164	11	55.0	25	4	AAF61850	Aaf61850 CaMV 35S-
165	11	55.0	25	8	ACD45236	Acd45236 Molecular
c 166	11	55.0	25	9	ACI92464	Aci92464 Human mic
c 167	11	55.0	25	9	ACI92465	Aci92465 Human mic
168	11	55.0	25	9	ACK13714	Ack13714 Human mic
169	11	55.0	25	9	ACI97817	Aci97817 Human mic
c 170	11	55.0	25	9	ACI03630	Aci03630 Human mic
c 171	11	55.0	25	9	ACK08666	Ack08666 Human mic
172	11	55.0	25	9	ACK13715	Ack13715 Human mic
c 173	11	55.0	25	9	ACI43629	Aci43629 Human mic
174	11	55.0	25	10	ADF63085	Adf63085 Human PCC
175	11	55.0	25	10	ADF63080	Adf63080 Human PCC
176	11	55.0	25	10	ADF63084	Adf63084 Human PCC
177	11	55.0	25	10	ADF63094	Adf63094 Human PCC
178	11	55.0	25	10	ADF63083	Adf63083 Human PCC
179	11	55.0	25	10	ADF63088	Adf63088 Human PCC
180	11	55.0	25	10	ADF63090	Adf63090 Human PCC
181	11	55.0	25	10	ADF63086	Adf63086 Human PCC
182	11	55.0	25	10	ADF63082	Adf63082 Human PCC
183	11	55.0	25	10	ADF63089	Adf63089 Human PCC
184	11	55.0	25	10	ADF63091	Adf63091 Human PCC
185	11	55.0	25	10	ADF63087	Adf63087 Human PCC
186	11	55.0	25	10	ADF63081	Adf63081 Human PCC
187	11	55.0	25	10	ADF63092	Adf63092 Human PCC
188	11	55.0	25	10	ADF63093	Adf63093 Human PCC
c 189	11	55.0	28	9	ACD28902	Acd28902 Streptoco
c 190	11	55.0	28	9	AAD56772	Aad56772 Streptoco
191	11	55.0	30	4	AAH73512	Aah73512 Human GPR
c 192	11	55.0	33	2	AAT79529	Aat79529 NGF recep
193	11	55.0	35	4	AAF74985	Aaf74985 E. nidula
194	11	55.0	36	2	AAV39873	Aav39873 Streptoco
195	11	55.0	36	2	AAX03857	Aax03857 Human tum
196	11	55.0	36	4	AAF79509	Aaf79509 Human G p
197	11	55.0	36	4	AAF79504	Aaf79504 Human G p
198	11	55.0	36	6	ABS71136	Abs71136 Human GPC
199	11	55.0	36	6	ABS71091	Abs71091 Human GPC
200	11	55.0	36	6	ABQ85034	Abq85034 Streptoco
201	11	55.0	36	6	ABQ79089	Abq79089 Rat ZAQ P
202	11	55.0	36	6	ABQ79082	Abq79082 Rat ZAQ P
203	11	55.0	36	6	ABT06841	Abt06841 Target fu
204	11	55.0	36	6	AAL44302	Aal44302 Human phy
205	11	55.0	36	6	ABL49623	Abl49623 Human G p
206	11	55.0	36	6	ABL49618	Abl49618 Human G p
207	11	55.0	36	10	ADC45437	Adc45437 S. pneumo
c 208	11	55.0	36	10	ACF79766	Acf79766 Capture p
209	11	55.0	36	10	ADD69027	Add69027 Angiogene
210	11	55.0	36	10	ADD69084	Add69084 Angiogene
c 211	11	55.0	39	6	ABS61291	Abs61291 Human pol
212	11	55.0	39	10	ADF11034	Adf11034 Human NGF
c 213	11	55.0	42	2	AAT79503	Aat79503 NGF recep
214	11	55.0	47	6	ABN72035	Abn72035 Streptoco
c 215	11	55.0	50	4	AAL30979	Aal30979 Human SNP
216	11	55.0	50	6	ABZ01604	Abz01604 Human leu
c 217	11	55.0	50	6	ABZ05870	Abz05870 Human leu
218	11	55.0	50	12	ADP10225	Adp10225 50-mer ol
219	11	55.0	51	4	AAI79382	Aai79382 Human sil
220	11	55.0	51	4	AAI79660	Aai79660 Human con
221	11	55.0	51	4	AAI79383	Aai79383 Human sil
222	11	55.0	51	4	AAI79661	Aai79661 Human con
223	11	55.0	60	6	ABN32986	Abn32986 Human spl
c 224	11	55.0	60	6	ABN40542	Abn40542 Human spl
c 225	11	55.0	60	6	ABN36893	Abn36893 Human spl
c 226	11	55.0	60	6	ABN41874	Abn41874 Human spl
c 227	11	55.0	60	6	ABN35694	Abn35694 Human spl
c 228	11	55.0	60	6	ABN42516	Abn42516 Human spl
c 229	11	55.0	60	6	ABN32791	Abn32791 Human spl
230	11	55.0	60	6	ABN39097	Abn39097 Human spl
c 231	10	50.0	10	6	ABL91889	Abl91889 Human LIP
c 232	10	50.0	10	6	AAS99431	Aas99431 Aldehyde
233	10	50.0	12	5	ABI13713	Abi13713 Oligonucl
c 234	10	50.0	13	5	ABC28844	Abc28844 Oligonucl
235	10	50.0	13	5	ABC28845	Abc28845 Oligonucl
236	10	50.0	13	5	ABC20118	Abc20118 Oligonucl
c 237	10	50.0	13	5	ABC20119	Abc20119 Oligonucl
238	10	50.0	15	6	ABL88312	Abl88312 Human CHR
239	10	50.0	15	6	ABA03954	Aba03954 Human STK

c 240	10	50.0	15	6	ABK52919	Abk52919 Human DNA
c 241	10	50.0	15	6	AAS99381	Aas99381 Aldehyde
c 242	10	50.0	17	2	AAA18846	Aaa18846 Human TIE
243	10	50.0	17	3	AAF02931	Aaf02931 Hammerhea
244	10	50.0	17	3	AAF02930	Aaf02930 Hammerhea
c 245	10	50.0	17	6	ACN04956	Acn04956 WNV DNAzy
246	10	50.0	17	6	ACN13983	Acn13983 WNV minus
c 247	10	50.0	17	8	ABZ60446	Abz60446 Human K-R
c 248	10	50.0	17	8	ABZ65455	Abz65455 Human HER
c 249	10	50.0	17	8	ACD58027	Acd58027 HCV DNAzy
250	10	50.0	17	8	ACD64642	Acd64642 HCV minus
251	10	50.0	17	10	ADB43778	Adb43778 Tumour su
252	10	50.0	17	10	ADD20657	Add20657 Oreochrom
253	10	50.0	17	10	ADF62344	Adf62344 Human PCC
254	10	50.0	17	10	ADF62336	Adf62336 Human PCC
c 255	10	50.0	17	11	ADL49263	Adl49263 Human PKR
c 256	10	50.0	17	11	ADL50680	Adl50680 Human PKR
c 257	10	50.0	17	11	ADL49813	Adl49813 Human PKR
c 258	10	50.0	17	11	ADL49264	Adl49264 Human PKR
c 259	10	50.0	17	11	ADL50164	Adl50164 Human PKR
c 260	10	50.0	17	11	ADL49812	Adl49812 Human PKR
261	10	50.0	17	12	ADI86696	Adi86696 HCV DNAzy
262	10	50.0	17	12	ADI85709	Adi85709 HCV DNAzy
c 263	10	50.0	18	6	ABL56911	Abl56911 DAXX MHC
264	10	50.0	19	2	AAZ23669	Aaz23669 Human DKC
c 265	10	50.0	19	3	AAZ36546	Aaz36546 Probe hyb
c 266	10	50.0	19	4	AAH37753	Aah37753 SNP speci
c 267	10	50.0	19	11	ADL79059	Adl79059 Human HER
268	10	50.0	19	11	ADL79308	Adl79308 Human HER
c 269	10	50.0	19	12	ADK94685	Adk94685 Primer of
c 270	10	50.0	19	12	ADQ62199	Adq62199 Anti-PAK3
271	10	50.0	19	12	ADQ26965	Adq26965 Human myo
c 272	10	50.0	20	2	AAT61084	Aat61084 Mouse Apo
c 273	10	50.0	20	2	AAX56082	Aax56082 HIV-1 Gro
274	10	50.0	20	2	AAX56103	Aax56103 HIV-1 Gro
c 275	10	50.0	20	2	AAZ04909	Aaz04909 PCR prime
276	10	50.0	20	2	AAX37218	Aax37218 HIV-1 env
c 277	10	50.0	20	2	AAX37197	Aax37197 HIV-1 env
c 278	10	50.0	20	3	AAZ90289	Aaz90289 HIV-1 env
c 279	10	50.0	20	4	AAS45920	Aas45920 Human PAR
c 280	10	50.0	20	4	AAD16077	Aad16077 Hevea bra
c 281	10	50.0	20	6	AAD40860	Aad40860 Human hep
c 282	10	50.0	20	6	AAD40678	Aad40678 Human hep
c 283	10	50.0	20	6	ABZ31288	Abz31288 Candida a
284	10	50.0	20	6	ABQ78422	Abq78422 Oligonucl
285	10	50.0	20	6	AAS17530	Aas17530 NOH-IL PC
286	10	50.0	20	6	ABI95688	Abi95688 Capture o
287	10	50.0	20	6	ABI95044	Abi95044 Capture o
288	10	50.0	20	6	ABI95477	Abi95477 Capture o
289	10	50.0	20	6	ABI96459	Abi96459 Capture o
c 290	10	50.0	20	10	ADD20349	Add20349 Oreochrom
c 291	10	50.0	20	10	ADF88193	Adf88193 Single nu
292	10	50.0	20	10	ABZ98512	Abz98512 Human ICA
293	10	50.0	20	11	ABD31543	Abd31543 Human ICA
c 294	10	50.0	20	12	ADK96428	Adk96428 Primer of
295	10	50.0	20	12	ADJ60362	Adj60362 Oligonucl
296	10	50.0	20	12	ADJ23654	Adj23654 Human end
297	10	50.0	20	12	ADJ23939	Adj23939 Human end
298	10	50.0	20	12	ADJ23567	Adj23567 Human end
299	10	50.0	20	12	ADJ23844	Adj23844 Human end
300	10	50.0	20	12	ADJ24153	Adj24153 Human end
301	10	50.0	20	12	ADJ24486	Adj24486 Human end
c 302	10	50.0	20	12	ADJ24426	Adj24426 Human end
303	10	50.0	20	12	ADJ25203	Adj25203 Human end
304	10	50.0	20	12	ADJ23516	Adj23516 Human end
c 305	10	50.0	20	12	ADJ23738	Adj23738 Human end
306	10	50.0	20	12	ADJ24646	Adj24646 Human end
307	10	50.0	20	12	ADJ23979	Adj23979 Human end
308	10	50.0	20	12	ADJ23515	Adj23515 Human end
309	10	50.0	20	12	ADO45851	Ado45851 Human oli
c 310	10	50.0	20	12	ADN31567	Adn31567 Mouse for
c 311	10	50.0	20	12	ADP11051	Adp11051 Set 1 rig
312	10	50.0	20	12	ADQ14884	Adq14884 CD54 RNas
313	10	50.0	20	13	ADT86819	Adt86819 Mouse for
314	10	50.0	21	2	AAQ34329	Aaq34329 Upstream
315	10	50.0	21	2	AAQ65815	Aaq65815 Type II p
c 316	10	50.0	21	2	AAT44943	Aat44943 Primer gp
c 317	10	50.0	21	2	AAX85619	Aax85619 Forward p
c 318	10	50.0	21	3	AAZ74188	Aaz74188 Human bia
c 319	10	50.0	21	12	ADO27085	Ado27085 Human HIF
c 320	10	50.0	21	12	ADO27086	Ado27086 Human HIF
c 321	10	50.0	21	12	ADO27084	Ado27084 Human HIF
322	10	50.0	22	2	AAX36222	Aax36222 Primer us
323	10	50.0	22	6	ABQ81936	Abq81936 Kaposi's
324	10	50.0	22	10	ADC13421	Adc13421 Kaposi's
325	10	50.0	22	10	ADE43456	Ade43456 Human SNC
326	10	50.0	22	12	ADH53934	Adh53934 Human neu
327	10	50.0	22	12	ADJ76804	Adj76804 FETUB for
328	10	50.0	22	12	ADN42511	Adn42511 Human NOV
329	10	50.0	23	3	AAA46298	Aaa46298 PCR prime
c 330	10	50.0	23	4	AAH01003	Aah01003 Streptoco
331	10	50.0	23	8	AAD51495	Aad51495 Cauliflow
c 332	10	50.0	23	12	ADQ15315	Adq15315 Mouse thy
333	10	50.0	24	2	AAT38289	Aat38289 PCR prime
c 334	10	50.0	24	2	AAT84254	Aat84254 ICAM-rela
c 335	10	50.0	24	2	AAV34672	Aav34672 Human ICA
c 336	10	50.0	24	2	AAV54843	Aav54843 PCR prime
c 337	10	50.0	24	2	AAV38563	Aav38563 PCR prime
c 338	10	50.0	24	2	AAV19345	Aav19345 Human ICA
339	10	50.0	24	2	AAV55825	Aav55825 Multimeri
c 340	10	50.0	24	2	AAV11674	Aav11674 Human ICA
c 341	10	50.0	24	2	AAV56365	Aav56365 Human ICA
c 342	10	50.0	24	2	AAX36501	Aax36501 PCR prime
c 343	10	50.0	24	2	AAV69142	Aav69142 Human ICA
c 344	10	50.0	24	2	AAX21856	Aax21856 Primer fo
c 345	10	50.0	24	2	AAV08992	Aav08992 Primer fo
c 346	10	50.0	24	3	AAZ24279	Aaz24279 Human ICA
c 347	10	50.0	24	3	AAA97107	Aaa97107 PCR prime
c 348	10	50.0	24	3	AAA08253	Aaa08253 Human ICA
c 349	10	50.0	24	3	AAA30844	Aaa30844 Zebrafish
350	10	50.0	24	3	AAA37202	Aaa37202 Human PRO
c 351	10	50.0	24	3	AAA48460	Aaa48460 Zebrafish
352	10	50.0	24	4	AAF54304	Aaf54304 Primer #3
353	10	50.0	24	4	AAC62138	Aac62138 PCR prime
c 354	10	50.0	24	6	ABK09296	Abk09296 Intercell
355	10	50.0	24	6	ABK50534	Abk50534 RT-PCR pr
356	10	50.0	24	6	ABN86468	Abn86468 Human MMP
c 357	10	50.0	24	6	ABT03749	Abt03749 Human RBP
358	10	50.0	24	6	ABZ30274	Abz30274 Candida a
c 359	10	50.0	24	6	ABL58112	Abl58112 Human ser
360	10	50.0	24	6	ABI86658	Abi86658 Capture o
361	10	50.0	24	6	ABI85616	Abi85616 Capture o
c 362	10	50.0	24	6	ABI89489	Abi89489 Capture o
c 363	10	50.0	24	6	ABI86659	Abi86659 Capture o
364	10	50.0	24	6	ABI87946	Abi87946 Capture o
365	10	50.0	24	6	ABI89488	Abi89488 Capture o
c 366	10	50.0	24	6	ABI87947	Abi87947 Capture o
c 367	10	50.0	24	6	ABI85617	Abi85617 Capture o
368	10	50.0	24	8	ACC79926	Acc79926 Mouse vAT
c 369	10	50.0	24	8	AAD50955	Aad50955 Schizochy
370	10	50.0	24	9	ACD68341	Acd68341 Novel hum
371	10	50.0	24	9	ACH04443	Ach04443 Human sec
372	10	50.0	24	9	ACD67987	Acd67987 Novel hum
c 373	10	50.0	24	10	ADC42322	Adc42322 Full leng
374	10	50.0	24	10	ADC18018	Adc18018 Human PRO
375	10	50.0	24	10	ADD70664	Add70664 Human sec
376	10	50.0	24	10	ADD39741	Add39741 Human sec
377	10	50.0	24	10	ADD70187	Add70187 Human sec
378	10	50.0	24	10	ADD38308	Add38308 Human sec
379	10	50.0	24	10	ADD39264	Add39264 Human sec
c 380	10	50.0	24	10	ADD68939	Add68939 Probe use
381	10	50.0	24	10	ADD38787	Add38787 Human sec
382	10	50.0	24	10	ADD40218	Add40218 Human sec
383	10	50.0	24	10	ADE50439	Ade50439 Human sec
384	10	50.0	24	10	ADE20051	Ade20051 Human sec
385	10	50.0	24	10	ADE49962	Ade49962 Human sec

	386	10	50.0	24	10	ADE21520 Ade21520 Human sec
	387	10	50.0	24	10	ADF29945 Adf29945 Human sec
	388	10	50.0	24	10	ADF55838 Adf55838 Human sec
c	389	10	50.0	24	10	ADG25673 Adg25673 Human ICA
c	390	10	50.0	24	10	ADH61076 Adh61076 Zebrafish
	391	10	50.0	24	10	ADH99342 Adh99342 Human sec
	392	10	50.0	24	12	ADE96522 Ade96522 Human sec
	393	10	50.0	24	12	ADF25833 Adf25833 Human sec
	394	10	50.0	24	12	ADF24732 Adf24732 Human sec
	395	10	50.0	24	12	ADF29468 Adf29468 Human sec
	396	10	50.0	24	12	ADE96999 Ade96999 Human sec
	397	10	50.0	24	12	ADH03037 Adh03037 Human sec
	398	10	50.0	24	12	ADH03991 Adh03991 Human sec
	399	10	50.0	24	12	ADH03514 Adh03514 Human sec
	400	10	50.0	24	12	ADH04468 Adh04468 Human sec
	401	10	50.0	24	12	ADH61469 Adh61469 Human sec
	402	10	50.0	24	12	ADL94668 Adl94668 Human sec
	403	10	50.0	25	2	AAT79437 Aat79437 DNA ligan
	404	10	50.0	25	4	AAI69324 Aai69324 Human NM2
c	405	10	50.0	25	5	AAF83659 Aaf83659 Human COL
	406	10	50.0	25	5	AAI62132 Aai62132 Soybean 3
c	407	10	50.0	25	5	AAS22319 Aas22319 Human COL
	408	10	50.0	25	8	ACF64246 Acf64246 Human var
	409	10	50.0	25	9	ACI31249 Aci31249 Human mic
c	410	10	50.0	25	9	ACK14062 Ack14062 Human mic
c	411	10	50.0	25	9	ACI94944 Aci94944 Human mic
	412	10	50.0	25	9	ACI95458 Aci95458 Human mic
	413	10	50.0	25	9	ACK26255 Ack26255 Human mic
	414	10	50.0	25	9	ACI34219 Aci34219 Human mic
	415	10	50.0	25	9	ACI13432 Aci13432 Human mic
	416	10	50.0	25	9	ACI01671 Aci01671 Human mic
c	417	10	50.0	25	9	ACI43097 Aci43097 Human mic
	418	10	50.0	25	9	ACI56701 Aci56701 Human mic
c	419	10	50.0	25	9	ACI61705 Aci61705 Human mic
c	420	10	50.0	25	9	ACI49671 Aci49671 Human mic
	421	10	50.0	25	9	ACI13433 Aci13433 Human mic
	422	10	50.0	25	9	ACK14319 Ack14319 Human mic
c	423	10	50.0	25	9	ACI18509 Aci18509 Human mic
c	424	10	50.0	25	9	ACI04536 Aci04536 Human mic
	425	10	50.0	25	9	ACI86936 Aci86936 Human mic
	426	10	50.0	25	9	ACI45397 Aci45397 Human mic
c	427	10	50.0	25	9	ACI49670 Aci49670 Human mic
c	428	10	50.0	25	9	ACI04537 Aci04537 Human mic
	429	10	50.0	25	9	ACI31248 Aci31248 Human mic
	430	10	50.0	25	9	ACK18104 Ack18104 Human mic
	431	10	50.0	25	9	ACI50393 Aci50393 Human mic
	432	10	50.0	25	9	ACI50468 Aci50468 Human mic
c	433	10	50.0	25	9	ACI85726 Aci85726 Human mic
	434	10	50.0	25	9	ACI48720 Aci48720 Human mic
	435	10	50.0	25	9	ACI77953 Aci77953 Human mic
	436	10	50.0	25	9	ACI88696 Aci88696 Human mic
c	437	10	50.0	25	9	ACI41651 Aci41651 Human mic
	438	10	50.0	25	9	ACH53209 Ach53209 DNA targe
	439	10	50.0	25	9	ACH58035 Ach58035 DNA targe
	440	10	50.0	25	10	ADF63095 Adf63095 Human PCC
	441	10	50.0	25	10	ADF63079 Adf63079 Human PCC
	442	10	50.0	25	13	ADR55549 Adr55549 Drug ther
	443	10	50.0	25	13	ADR55548 Adr55548 Drug ther
c	444	10	50.0	27	8	ABT23366 Abt23366 Endotheli
	445	10	50.0	28	12	ADG75417 Adg75417 Human NOX
c	446	10	50.0	29	2	AAV44979 Aav44979 PCR prime
c	447	10	50.0	29	2	AAX05120 Aax05120 5' juncti
c	448	10	50.0	29	2	AAV08884 Aav08884 PCR prime
	449	10	50.0	29	3	AAF00432 Aaf00432 Hammerhea
	450	10	50.0	29	10	ACF79457 Acf79457 Serum amy
	451	10	50.0	29	10	ACF79458 Acf79458 Serum amy
c	452	10	50.0	30	6	ABN87610 Abn87610 CaMV 35S
c	453	10	50.0	30	6	AAD44415 Aad44415 CaMV 35S
c	454	10	50.0	30	6	AAD44434 Aad44434 PCR prime
c	455	10	50.0	30	12	ADP45773 Adp45773 PCR prime
	456	10	50.0	31	6	ABA95206 Aba95206 Human IgG
c	457	10	50.0	31	8	AAL50307 Aal50307 Human nox
c	458	10	50.0	31	8	ACC71970 Acc71970 N. crassa
	459	10	50.0	31	8	ACD61538 Acd61538 HCV minus
	460	10	50.0	31	9	ADA14268 Ada14268 Human IgG
	461	10	50.0	31	12	ADI89901 Adi89901 HCV DNAzy
c	462	10	50.0	32	13	ADR99544 Adr99544 Chlamydia
c	463	10	50.0	33	2	AAT67308 Aat67308 Autoantig
	464	10	50.0	33	2	AAT36346 Aat36346 cDNA of t
	465	10	50.0	33	2	AAV80199 Aav80199 PCR prime
c	466	10	50.0	33	6	ABQ84181 Abq84181 Lipoprote
c	467	10	50.0	34	11	ADM92845 Adm92845 SNP-conta
c	468	10	50.0	35	2	AAT94502 Aat94502 PCR prime
c	469	10	50.0	35	3	AAA72692 Aaa72692 PCR prime
	470	10	50.0	35	6	ABV86689 Abv86689 Human pp-
c	471	10	50.0	36	3	AAZ89272 Aaz89272 Human tis
	472	10	50.0	36	6	ABQ81597 Abq81597 Bovine pa
c	473	10	50.0	36	6	AAD35819 Aad35819 Human MIS
	474	10	50.0	38	2	AAV73357 Aav73357 PTAT vect
	475	10	50.0	38	8	ACC80812 Acc80812 PCR prime
	476	10	50.0	39	10	ADH08384 Adh08384 K. lactis
	477	10	50.0	39	12	ADP13246 Adp13246 Nucleotid
	478	10	50.0	39	12	ADP13249 Adp13249 Nucleotid
	479	10	50.0	39	12	ADP13248 Adp13248 Nucleotid
	480	10	50.0	39	12	ADP13245 Adp13245 Nucleotid
	481	10	50.0	39	12	ADP13247 Adp13247 Nucleotid
	482	10	50.0	39	12	ADP13250 Adp13250 Nucleotid
c	483	10	50.0	40	2	AAT70675 Aat70675 Fibrin cl
	484	10	50.0	40	3	AAA51137 Aaa51137 Oligomer
	485	10	50.0	40	3	AAA51128 Aaa51128 Oligomer
c	486	10	50.0	40	3	AAA51125 Aaa51125 Oligomer
c	487	10	50.0	40	3	AAZ36472 Aaz36472 PCR prime
c	488	10	50.0	40	4	AAD10606 Aad10606 DNA ligan
	489	10	50.0	40	12	ADP13261 Adp13261 Nucleotid
	490	10	50.0	40	12	ADP13258 Adp13258 Nucleotid
	491	10	50.0	40	12	ADP13262 Adp13262 Nucleotid
	492	10	50.0	40	12	ADP13259 Adp13259 Nucleotid
	493	10	50.0	40	12	ADP13260 Adp13260 Nucleotid
	494	10	50.0	40	12	ADP13257 Adp13257 Nucleotid
c	495	10	50.0	41	6	ABN85287 Abn85287 Cell cycl
	496	10	50.0	41	6	AAL44811 Aal44811 Human rib
	497	10	50.0	41	6	AAL44810 Aal44810 Human rib
c	498	10	50.0	41	6	AAF88878 Aaf88878 Human pte
c	499	10	50.0	41	6	AAF88879 Aaf88879 Human pte
c	500	10	50.0	41	6	ABK48317 Abk48317 Cap-bindi
c	501	10	50.0	41	6	ABZ49027 Abz49027 Human ALD
c	502	10	50.0	41	6	ABZ46497 Abz46497 Human ALD
	503	10	50.0	41	6	ABS55410 Abs55410 Human pla
c	504	10	50.0	41	6	ABQ84184 Abq84184 Lipoprote
c	505	10	50.0	41	6	ABQ84183 Abq84183 Lipoprote
c	506	10	50.0	41	6	ABK49277 Abk49277 Human Kru
c	507	10	50.0	41	6	ABK49278 Abk49278 Human Kru
	508	10	50.0	45	13	ADR52389 Adr52389 Small int
c	509	10	50.0	46	2	AAV73356 Aav73356 PTAT vect
	510	10	50.0	47	3	AAZ68050 Aaz68050 Human map
	511	10	50.0	48	6	ABQ81599 Abq81599 Bovine pa
	512	10	50.0	48	6	ABV73702 Abv73702 Bovine pa
c	513	10	50.0	48	11	ADM09640 Adm09640 Human PTG
	514	10	50.0	50	3	AAZ90398 Aaz90398 Green flu
c	515	10	50.0	50	3	AAZ90398 Aaz90398 Green flu
	516	10	50.0	50	3	AAZ61430 Aaz61430 PCR prime
c	517	10	50.0	50	3	AAZ61430 Aaz61430 PCR prime
c	518	10	50.0	50	3	ADC17102 Adc17102 Human sin
	519	10	50.0	50	6	ABZ07209 Abz07209 Human leu
	520	10	50.0	50	12	ADP10175 Adp10175 50-mer ol
	521	10	50.0	51	3	AAA92221 Aaa92221 Hsc70-PRL
c	522	10	50.0	51	4	AAI74603 Aai74603 Human sil
c	523	10	50.0	51	4	AAI74602 Aai74602 Human sil
	524	10	50.0	51	5	ABL00625 Abl00625 Human sil
	525	10	50.0	54	3	AAA92219 Aaa92219 Hsc70 pep
	526	10	50.0	54	3	AAA92213 Aaa92213 Hsc70-PYE
	527	10	50.0	57	2	AAQ79576 Aaq79576 Nucleotid
	528	10	50.0	57	6	ABN89922 Abn89922 Mouse clo
	529	10	50.0	57	6	ACN23672 Acn23672 WNV Amber
c	530	10	50.0	59	6	ABK17257 Abk17257 Coupled l
	531	10	50.0	60	6	ABN36308 Abn36308 Human spl

	532	10	50.0	60	6	ABN41381 Abn41381 Human spl
	533	10	50.0	60	6	ABN47324 Abn47324 Human spl
c	534	10	50.0	60	6	ABN41565 Abn41565 Human spl
c	535	10	50.0	60	6	ABN38014 Abn38014 Human spl
	536	10	50.0	60	6	ABN39760 Abn39760 Human spl
c	537	10	50.0	60	6	ABN46031 Abn46031 Human spl
c	538	10	50.0	60	6	ABN33370 Abn33370 Human spl
c	539	10	50.0	60	6	ABN35433 Abn35433 Human spl
	540	10	50.0	60	8	ACC41895 Acc41895 Pre-contr
	541	10	50.0	60	13	ADS54047 Ads54047 Eucalyptu
c	542	9	45.0	10	2	AAQ96595 Aaq96595 HIV-1 NL4
c	543	9	45.0	10	2	AAQ96596 Aaq96596 HIV-1 NL4
c	544	9	45.0	10	4	AAH63384 Aah63384 Human kid
	545	9	45.0	10	6	ABL88346 Abl88346 Human CHR
c	546	9	45.0	10	6	ABL01199 Abl01199 Human AKR
	547	9	45.0	10	6	ABA03980 Aba03980 Human STK
c	548	9	45.0	10	6	AAD25013 Aad25013 Human AAN
c	549	9	45.0	10	11	ADL96281 Adl96281 CD15+ mye
c	550	9	45.0	10	12	ADH57701 Adh57701 Extendabl
c	551	9	45.0	10	12	ADN36844 Adn36844 West Nile
c	552	9	45.0	12	5	ABI70700 Abi70700 Oligonucl
c	553	9	45.0	12	5	ABI43348 Abi43348 Oligonucl
	554	9	45.0	12	5	ABH95835 Abh95835 Oligonucl
c	555	9	45.0	12	5	ABI43236 Abi43236 Oligonucl
c	556	9	45.0	12	5	ABI44950 Abi44950 Oligonucl
c	557	9	45.0	12	5	ABI60756 Abi60756 Oligonucl
c	558	9	45.0	12	5	ABI78330 Abi78330 Oligonucl
c	559	9	45.0	12	5	ABI75442 Abi75442 Oligonucl
	560	9	45.0	12	5	ABH88789 Abh88789 Oligonucl
c	561	9	45.0	12	5	ABI58373 Abi58373 Oligonucl
c	562	9	45.0	12	6	AAD30494 Aad30494 Potyvirus
	563	9	45.0	13	5	ABF03257 Abf03257 Oligonucl
	564	9	45.0	13	5	ABC36649 Abc36649 Oligonucl
	565	9	45.0	13	5	ABH15277 Abh15277 Oligonucl
	566	9	45.0	13	5	ABC47216 Abc47216 Oligonucl
c	567	9	45.0	13	5	ABC87232 Abc87232 Oligonucl
	568	9	45.0	13	5	ABC87233 Abc87233 Oligonucl
c	569	9	45.0	13	5	ABC14110 Abc14110 Oligonucl
	570	9	45.0	13	5	ABC64341 Abc64341 Oligonucl
c	571	9	45.0	13	5	ABF14920 Abf14920 Oligonucl
	572	9	45.0	13	5	ABF44207 Abf44207 Oligonucl
c	573	9	45.0	13	5	ABF61163 Abf61163 Oligonucl
c	574	9	45.0	13	5	ABC06252 Abc06252 Oligonucl
	575	9	45.0	13	5	ABC14113 Abc14113 Oligonucl
	576	9	45.0	13	5	ABF14921 Abf14921 Oligonucl
c	577	9	45.0	13	5	ABC53131 Abc53131 Oligonucl
c	578	9	45.0	13	5	ABC14112 Abc14112 Oligonucl
c	579	9	45.0	13	5	ABF44206 Abf44206 Oligonucl
c	580	9	45.0	13	5	ABF46289 Abf46289 Oligonucl
c	581	9	45.0	13	5	ABC70196 Abc70196 Oligonucl
	582	9	45.0	13	5	ABH47937 Abh47937 Oligonucl
c	583	9	45.0	13	5	ABH66741 Abh66741 Oligonucl
	584	9	45.0	13	5	ABC53130 Abc53130 Oligonucl
	585	9	45.0	13	5	ABH22769 Abh22769 Oligonucl
	586	9	45.0	13	5	ABF65341 Abf65341 Oligonucl
	587	9	45.0	13	5	ABC06253 Abc06253 Oligonucl
c	588	9	45.0	13	5	ABC84111 Abc84111 Oligonucl
c	589	9	45.0	13	5	ABH22768 Abh22768 Oligonucl
c	590	9	45.0	13	5	ABH47936 Abh47936 Oligonucl
	591	9	45.0	13	5	ABH66740 Abh66740 Oligonucl
	592	9	45.0	13	5	ABF03249 Abf03249 Oligonucl
c	593	9	45.0	13	5	ABH15276 Abh15276 Oligonucl
	594	9	45.0	13	5	ABF61162 Abf61162 Oligonucl
	595	9	45.0	13	5	ABF36691 Abf36691 Oligonucl
	596	9	45.0	13	5	ABC16783 Abc16783 Oligonucl
	597	9	45.0	13	5	ABC72185 Abc72185 Oligonucl
c	598	9	45.0	13	5	ABC47217 Abc47217 Oligonucl
	599	9	45.0	13	5	ABC70197 Abc70197 Oligonucl
c	600	9	45.0	13	5	ABC72184 Abc72184 Oligonucl
	601	9	45.0	13	5	ABC84110 Abc84110 Oligonucl
c	602	9	45.0	13	5	ABF36690 Abf36690 Oligonucl
	603	9	45.0	13	5	ABC14111 Abc14111 Oligonucl
	604	9	45.0	13	5	ABF46288 Abf46288 Oligonucl
c	605	9	45.0	13	5	ABF03248 Abf03248 Oligonucl
c	606	9	45.0	13	5	ABF03256 Abf03256 Oligonucl
c	607	9	45.0	13	5	ABC36648 Abc36648 Oligonucl
c	608	9	45.0	13	5	ABC64340 Abc64340 Oligonucl
c	609	9	45.0	13	5	ABC16782 Abc16782 Oligonucl
c	610	9	45.0	13	5	ABF65340 Abf65340 Oligonucl
	611	9	45.0	15	2	AAQ26272 Aaq26272 HLA-DR be
c	612	9	45.0	15	2	AAT36750 Aat36750 Antisense
	613	9	45.0	15	2	AAT50325 Aat50325 Rabbit CE
	614	9	45.0	15	2	AAT50327 Aat50327 Rabbit CE
	615	9	45.0	15	2	AAV48731 Aav48731 ErbB-2 ge
c	616	9	45.0	15	2	AAZ39262 Aaz39262 Probe for
c	617	9	45.0	15	2	AAX05525 Aax05525 BC loop s
	618	9	45.0	15	3	AAZ62616 Aaz62616 Substrate
c	619	9	45.0	15	4	AAS57257 Aas57257 Human CHR
c	620	9	45.0	15	4	AAF52740 Aaf52740 IGF-I oli
c	621	9	45.0	15	4	AAF52745 Aaf52745 IGF-I oli
c	622	9	45.0	15	4	AAF52741 Aaf52741 IGF-I oli
c	623	9	45.0	15	4	AAF52743 Aaf52743 IGF-I oli
c	624	9	45.0	15	4	AAF52744 Aaf52744 IGF-I oli
c	625	9	45.0	15	4	AAF52742 Aaf52742 IGF-I oli
c	626	9	45.0	15	4	AAF52746 Aaf52746 IGF-I oli
c	627	9	45.0	15	6	ABL01153 Abl01153 Human AKR
c	628	9	45.0	15	6	ABL94501 Abl94501 Ubiquitin
c	629	9	45.0	15	6	ABK47385 Abk47385 Human PLA
c	630	9	45.0	15	6	AAD24989 Aad24989 Human AAN
	631	9	45.0	15	6	ABX00467 Abx00467 Hepatitis
	632	9	45.0	15	10	ADF32164 Adf32164 Probe #88
c	633	9	45.0	15	12	ADH50405 Adh50405 Bacterial
c	634	9	45.0	15	12	ADI32480 Adi32480 Phage dis
c	635	9	45.0	15	12	ADN89033 Adn89033 Hyperlipi
c	636	9	45.0	16	5	AAI64937 Aai64937 Human Cre
c	637	9	45.0	16	6	ABQ88323 Abq88323 End-block
c	638	9	45.0	16	10	ADE82751 Ade82751 Immunosti
c	639	9	45.0	16	10	ADG47292 Adg47292 Immunomer
c	640	9	45.0	16	10	ADG47293 Adg47293 Immunomer
c	641	9	45.0	16	12	ADK90798 Adk90798 Immunosti
	642	9	45.0	17	2	AAT53754 Aat53754 Rat ICAM
	643	9	45.0	17	2	AAT53672 Aat53672 Rat ICAM
c	644	9	45.0	17	2	AAV14220 Aav14220 Probe HBP
c	645	9	45.0	17	2	AAV14218 Aav14218 Probe HBP
	646	9	45.0	17	2	AAV94636 Aav94636 Human IL-
	647	9	45.0	17	2	AAV94637 Aav94637 Human IL-
c	648	9	45.0	17	2	AAA18845 Aaa18845 Human TIE
c	649	9	45.0	17	2	AAA18880 Aaa18880 Human TIE
	650	9	45.0	17	3	AAF02932 Aaf02932 Hammerhea
	651	9	45.0	17	3	AAF02929 Aaf02929 Hammerhea
	652	9	45.0	17	3	AAF04598 Aaf04598 Hammerhea
	653	9	45.0	17	3	AAF07188 Aaf07188 Hammerhea
	654	9	45.0	17	3	AAF07189 Aaf07189 Hammerhea
	655	9	45.0	17	3	AAF04596 Aaf04596 Hammerhea
	656	9	45.0	17	3	AAF04597 Aaf04597 Hammerhea
c	657	9	45.0	17	6	ACN04096 Acn04096 WNV Zinzy
	658	9	45.0	17	6	ACN10376 Acn10376 WNV minus
	659	9	45.0	17	6	ACN13889 Acn13889 WNV minus
	660	9	45.0	17	6	ACN08073 Acn08073 WNV minus
c	661	9	45.0	17	6	ACN06756 Acn06756 WNV Amber
	662	9	45.0	17	6	ACN08489 Acn08489 WNV minus
	663	9	45.0	17	6	ACN10900 Acn10900 WNV minus
	664	9	45.0	17	6	ACN12927 Acn12927 WNV minus
	665	9	45.0	17	6	ACN13163 Acn13163 WNV minus
c	666	9	45.0	17	6	ACN04097 Acn04097 WNV Zinzy
	667	9	45.0	17	6	ACN10377 Acn10377 WNV minus
c	668	9	45.0	17	6	ACN02440 Acn02440 WNV Inozy
c	669	9	45.0	17	6	ACN06755 Acn06755 WNV Amber
c	670	9	45.0	17	6	ACN06384 Acn06384 WNV Amber
	671	9	45.0	17	6	ACN10380 Acn10380 WNV minus
	672	9	45.0	17	6	ACN10381 Acn10381 WNV minus
	673	9	45.0	17	6	ACN10898 Acn10898 WNV minus
c	674	9	45.0	17	6	ACN04339 Acn04339 WNV Zinzy
c	675	9	45.0	17	6	ACN06383 Acn06383 WNV Amber
	676	9	45.0	17	6	ACN10378 Acn10378 WNV minus
c	677	9	45.0	17	6	ACN03878 Acn03878 WNV Zinzy

c 678	9	45.0	17	6	ACN06754	Acn06754 WNV Amber
c 679	9	45.0	17	6	ACN06753	Acn06753 WNV Amber
680	9	45.0	17	6	ACN08074	Acn08074 WNV minus
681	9	45.0	17	6	ACN10379	Acn10379 WNV minus
682	9	45.0	17	6	ACN08488	Acn08488 WNV minus
683	9	45.0	17	6	ACN10899	Acn10899 WNV minus
684	9	45.0	17	8	ABT36142	Abt36142 Tumour su
c 685	9	45.0	17	8	ABZ60445	Abz60445 Human K-R
c 686	9	45.0	17	8	ABZ64810	Abz64810 Human HER
c 687	9	45.0	17	8	ACD58028	Acd58028 HCV DNAzy
688	9	45.0	17	8	ACD53113	Acd53113 HBV inozy
689	9	45.0	17	8	ACD53114	Acd53114 HBV inozy
690	9	45.0	17	8	ACD53117	Acd53117 HBV inozy
691	9	45.0	17	8	ACD53118	Acd53118 HBV inozy
692	9	45.0	17	8	ACD53115	Acd53115 HBV inozy
693	9	45.0	17	8	ACD58711	Acd58711 HCV DNAzy
c 694	9	45.0	17	8	ACD63959	Acd63959 HCV minus
c 695	9	45.0	17	8	ACD63958	Acd63958 HCV minus
696	9	45.0	17	8	ACD53116	Acd53116 HBV inozy
697	9	45.0	17	8	ACD58712	Acd58712 HCV DNAzy
698	9	45.0	17	8	ACD51657	Acd51657 HBV hamme
699	9	45.0	17	8	ACD51656	Acd51656 HBV hamme
c 700	9	45.0	17	8	ACC64105	Acc64105 Murine ol
701	9	45.0	17	8	ACC63540	Acc63540 Murine ol
702	9	45.0	17	10	ADB42378	Adb42378 Tumour su
703	9	45.0	17	10	ADB40676	Adb40676 Tumour su
704	9	45.0	17	10	ADB42368	Adb42368 Tumour su
705	9	45.0	17	10	ADB45035	Adb45035 Tumour su
706	9	45.0	17	10	ADE30878	Ade30878 Cholester
707	9	45.0	17	10	ADF62335	Adf62335 Human PCC
708	9	45.0	17	10	ADF62345	Adf62345 Human PCC
c 709	9	45.0	17	10	ADF87375	Adf87375 Single nu
710	9	45.0	17	10	ADI40109	Adi40109 Human cyt
711	9	45.0	17	10	ADI49227	Adi49227 Human tum
c 712	9	45.0	17	11	ADL50381	Adl50381 Human PKR
c 713	9	45.0	17	11	ADL49262	Adl49262 Human PKR
714	9	45.0	17	11	ADM43563	Adm43563 Signature
c 715	9	45.0	17	12	ADK96962	Adk96962 Primer of
c 716	9	45.0	17	12	ADL00302	Adl00302 GRHL-3 se
717	9	45.0	17	12	ADM59305	Adm59305 Hepatitis
718	9	45.0	17	12	ADM59303	Adm59303 Hepatitis
719	9	45.0	17	12	ADM58563	Adm58563 Hepatitis
720	9	45.0	17	12	ADM59300	Adm59300 Hepatitis
721	9	45.0	17	12	ADM59302	Adm59302 Hepatitis
722	9	45.0	17	12	ADM59304	Adm59304 Hepatitis
723	9	45.0	17	12	ADM58562	Adm58562 Hepatitis
724	9	45.0	17	12	ADM60057	Adm60057 Hepatitis
725	9	45.0	17	12	ADM59301	Adm59301 Hepatitis
c 726	9	45.0	17	12	ADI86348	Adi86348 HCV DNAzy
c 727	9	45.0	17	12	ADI86349	Adi86349 HCV DNAzy
c 728	9	45.0	17	12	ADI83368	Adi83368 HCV DNAzy
729	9	45.0	17	12	ADI83714	Adi83714 HCV DNAzy
730	9	45.0	18	2	AAQ99743	Aaq99743 Mouse mam
731	9	45.0	18	2	AAT93203	Aat93203 Primer us
c 732	9	45.0	18	2	AAV14219	Aav14219 Probe HBP
733	9	45.0	18	2	AAV04018	Aav04018 Human mul
c 734	9	45.0	18	2	AAV26550	Aav26550 Human ret
735	9	45.0	18	2	AAV48739	Aav48739 ErbB-2 ge
736	9	45.0	18	2	AAZ22403	Aaz22403 Antisense
737	9	45.0	18	2	AAZ41128	Aaz41128 Human G-a
738	9	45.0	18	2	AAZ19499	Aaz19499 Human G-a
739	9	45.0	18	3	AAA52296	Aaa52296 Yeast ubi
740	9	45.0	18	3	AAZ44152	Aaz44152 Human EGR
741	9	45.0	18	3	AAZ52617	Aaz52617 Human sec
742	9	45.0	18	3	AAZ91416	Aaz91416 Human Shi
c 743	9	45.0	18	3	AAZ75087	Aaz75087 Human bia
744	9	45.0	18	3	AAA70621	Aaa70621 Sindbis-l
c 745	9	45.0	18	3	AAZ45532	Aaz45532 Primer us
746	9	45.0	18	3	AAA47536	Aaa47536 Sequencin
747	9	45.0	18	3	AAA58507	Aaa58507 PCR prime
748	9	45.0	18	3	AAA58493	Aaa58493 PCR prime
749	9	45.0	18	4	AAF94656	Aaf94656 Rho B ant
750	9	45.0	18	5	AAF32168	Aaf32168 C glutami
c 751	9	45.0	18	5	AAH26507	Aah26507 Low densi
752	9	45.0	18	5	AAS43549	Aas43549 Corneodes
c 753	9	45.0	18	6	ABS63393	Abs63393 Synthetic
754	9	45.0	18	6	AAD42049	Aad42049 Begrev1 p
c 755	9	45.0	18	6	ABK95437	Abk95437 Human ret
756	9	45.0	18	6	ABS98459	Abs98459 Human orp
c 757	9	45.0	18	6	ABL59829	Abl59829 Porphyrom
758	9	45.0	18	6	ABN89400	Abn89400 Rice acet
c 759	9	45.0	18	6	ABL30734	Abl30734 Human HLA
c 760	9	45.0	18	6	ABS67775	Abs67775 Double st
c 761	9	45.0	18	8	ACF63122	Acf63122 Human pcn
762	9	45.0	18	8	ACF63124	Acf63124 Human pcn
c 763	9	45.0	18	8	ABZ10762	Abz10762 Haematopo
c 764	9	45.0	18	9	AAD57258	Aad57258 Human MIP
765	9	45.0	18	9	ACA62136	Aca62136 Corynebac
c 766	9	45.0	18	10	ADB79192	Adb79192 Nucleic a
c 767	9	45.0	18	10	ADB79189	Adb79189 Nucleic a
c 768	9	45.0	18	10	ADB54958	Adb54958 Hybridisa
c 769	9	45.0	18	10	ADC70375	Adc70375 Primer ol
770	9	45.0	18	10	ADD42032	Add42032 Rice acet
771	9	45.0	18	10	ADE13608	Ade13608 HLA class
c 772	9	45.0	18	10	ADE84538	Ade84538 Human lym
773	9	45.0	18	10	ADF90955	Adf90955 Microorga
774	9	45.0	18	10	ACA60583	Aca60583 Antisense
775	9	45.0	18	10	ACA60582	Aca60582 Antisense
c 776	9	45.0	18	11	ADM06388	Adm06388 Human PCR
777	9	45.0	18	11	ADM06312	Adm06312 Human PCR
778	9	45.0	18	11	ADP75397	Adp75397 Human NRG
779	9	45.0	18	12	ADL09458	Adl09458 HLA locus
780	9	45.0	18	12	ADK23678	Adk23678 pET expre
781	9	45.0	18	12	ADQ28303	Adq28303 UpET-Ubi
c 782	9	45.0	18	13	ADQ80885	Adq80885 Caspase-1
c 783	9	45.0	18	13	ADQ80891	Adq80891 Caspase-4
c 784	9	45.0	19	2	AAQ26209	Aaq26209 HLA-DR be
c 785	9	45.0	19	2	AAQ26225	Aaq26225 HLA-DR be
c 786	9	45.0	19	2	AAQ71944	Aaq71944 Human IL-
787	9	45.0	19	2	AAT36928	Aat36928 OVCA1 gen
c 788	9	45.0	19	2	AAV14221	Aav14221 Probe HBP
789	9	45.0	19	2	AAZ23225	Aaz23225 HCV NS5B
c 790	9	45.0	19	2	AAX61180	Aax61180 Human chr
791	9	45.0	19	2	AAX14826	Aax14826 Triple he
792	9	45.0	19	2	AAX26564	Aax26564 PCR prime
793	9	45.0	19	3	AAA84390	Aaa84390 Cyclin D3
c 794	9	45.0	19	3	AAZ70058	Aaz70058 Human bia
c 795	9	45.0	19	3	AAZ76942	Aaz76942 Human bia
c 796	9	45.0	19	3	AAA79856	Aaa79856 Hepatitis
797	9	45.0	19	5	AAH59552	Aah59552 Cyclin D3
798	9	45.0	19	6	ABQ74063	Abq74063 SSO probe
799	9	45.0	19	6	ABK71987	Abk71987 Human MTG
c 800	9	45.0	19	8	ABT21349	Abt21349 Multiplex
c 801	9	45.0	19	8	ABZ24143	Abz24143 Primer fo
802	9	45.0	19	10	ADE13598	Ade13598 HLA class
803	9	45.0	19	10	ADE27114	Ade27114 Stearoyl-
c 804	9	45.0	19	10	ADE27404	Ade27404 Stearoyl-
805	9	45.0	19	10	ADE29879	Ade29879 Mitogen a
c 806	9	45.0	19	10	ADE29793	Ade29793 Mitogen a
c 807	9	45.0	19	10	ADE29774	Ade29774 Mitogen a
808	9	45.0	19	10	ADE29898	Ade29898 Mitogen a
809	9	45.0	19	10	ADF48062	Adf48062 Human Myc
c 810	9	45.0	19	10	ADF47944	Adf47944 Human Myc
811	9	45.0	19	10	ADF50089	Adf50089 Human BCL
c 812	9	45.0	19	10	ADF49675	Adf49675 Human BCL
c 813	9	45.0	19	10	ACH00717	Ach00717 Detection
c 814	9	45.0	19	10	ACH00719	Ach00719 Detection
c 815	9	45.0	19	10	ADF88113	Adf88113 Single nu
816	9	45.0	19	10	ADH16826	Adh16826 Human BAC
c 817	9	45.0	19	10	ADH16501	Adh16501 Human BAC
818	9	45.0	19	10	ADG78910	Adg78910 Human tes
819	9	45.0	19	10	ADH93845	Adh93845 Human gen
c 820	9	45.0	19	11	ADN34317	Adn34317 Lower str
c 821	9	45.0	19	11	ADN34039	Adn34039 Upper str
822	9	45.0	19	11	ADN34078	Adn34078 Upper str
823	9	45.0	19	11	ADN34278	Adn34278 Lower str

824	9	45.0	19	12	ADH12217	Adh12217	Human CHD
825	9	45.0	19	12	ADL09448	Adl09448	HLA locus
826	9	45.0	19	12	ADM69498	Adm69498	Plant gen
c 827	9	45.0	19	12	ADO60078	Ado60078	CRF1 prob
c 828	9	45.0	19	12	ADO44583	Ado44583	CRH recep
829	9	45.0	19	12	ADO70088	Ado70088	Post-tran
830	9	45.0	19	12	ADQ61415	Adq61415	Anti-CENP
c 831	9	45.0	19	12	ADQ61645	Adq61645	Anti-TFDP
832	9	45.0	19	12	ADQ62277	Adq62277	Anti-RALG
c 833	9	45.0	19	12	ADQ62479	Adq62479	Anti-PRKD
c 834	9	45.0	19	13	ADR19854	Adr19854	HCMV UL75
835	9	45.0	19	13	ADT08087	Adt08087	Human HGP
836	9	45.0	19	13	ADR76650	Adr76650	Human apo
837	9	45.0	19	13	ADR76064	Adr76064	Human apo
838	9	45.0	19	13	ADR75626	Adr75626	Human apo
839	9	45.0	19	13	ADR78244	Adr78244	Human apo
840	9	45.0	19	13	ADR80260	Adr80260	Human apo
841	9	45.0	19	13	ADR77316	Adr77316	Human apo
842	9	45.0	19	13	ADR79594	Adr79594	Human apo
843	9	45.0	19	13	ADR78682	Adr78682	Human apo
c 844	9	45.0	20	2	AAQ26210	Aaq26210	HLA-DR be
c 845	9	45.0	20	2	AAQ26226	Aaq26226	HLA-DR be
c 846	9	45.0	20	2	AAQ61477	Aaq61477	Primer pa
c 847	9	45.0	20	2	AAQ44130	Aaq44130	PCR prime
c 848	9	45.0	20	2	AAQ71913	Aaq71913	Human IL-
849	9	45.0	20	2	AAQ53353	Aaq53353	Probe to
c 850	9	45.0	20	2	AAQ97931	Aaq97931	PNA oligo
c 851	9	45.0	20	2	AAT05596	Aat05596	PCR prime
852	9	45.0	20	2	AAQ99765	Aaq99765	Complemen
c 853	9	45.0	20	2	AAQ84223	Aaq84223	PKC-zeta
c 854	9	45.0	20	2	AAT44307	Aat44307	Primer 8
c 855	9	45.0	20	2	AAV12382	Aav12382	Sequence
856	9	45.0	20	2	AAT71765	Aat71765	PSKH-1 5'
c 857	9	45.0	20	2	AAV14309	Aav14309	Probe HBP
c 858	9	45.0	20	2	AAV14308	Aav14308	Probe HBP
c 859	9	45.0	20	2	AAV01929	Aav01929	Auxotroph
860	9	45.0	20	2	AAV41224	Aav41224	Prevotell
861	9	45.0	20	2	AAV29424	Aav29424	Calcium i
c 862	9	45.0	20	2	AAV85669	Aav85669	LRP5 exon
863	9	45.0	20	2	AAV85741	Aav85741	LRP5 exon
c 864	9	45.0	20	2	AAV30633	Aav30633	Telomeras
865	9	45.0	20	2	AAV65943	Aav65943	PCR prime
c 866	9	45.0	20	2	AAV41035	Aav41035	Primer AL
867	9	45.0	20	2	AAV12835	Aav12835	Reverse p
c 868	9	45.0	20	2	AAZ00122	Aaz00122	HEV US-1
c 869	9	45.0	20	2	AAX19448	Aax19448	PCR prime
c 870	9	45.0	20	2	AAX22670	Aax22670	Human pro
c 871	9	45.0	20	2	AAX78632	Aax78632	Human PKC
872	9	45.0	20	2	AAZ02290	Aaz02290	PCR prime
c 873	9	45.0	20	2	AAZ05264	Aaz05264	PCR prime
874	9	45.0	20	2	AAZ02752	Aaz02752	PCR prime
875	9	45.0	20	2	AAZ03014	Aaz03014	PCR prime
c 876	9	45.0	20	2	AAZ03373	Aaz03373	PCR prime
c 877	9	45.0	20	2	AAZ03429	Aaz03429	PCR prime
c 878	9	45.0	20	2	AAZ05558	Aaz05558	PCR prime
c 879	9	45.0	20	2	AAZ05604	Aaz05604	PCR prime
c 880	9	45.0	20	2	AAV80057	Aav80057	Human PMM
881	9	45.0	20	2	AAX38426	Aax38426	E. coli K
c 882	9	45.0	20	2	AAX83710	Aax83710	Human pro
c 883	9	45.0	20	2	AAV84220	Aav84220	Sodium ch
c 884	9	45.0	20	2	AAX94984	Aax94984	PCR prime
885	9	45.0	20	2	AAX97103	Aax97103	PCR prime
c 886	9	45.0	20	2	AAX92304	Aax92304	PCR prime
887	9	45.0	20	2	AAX94115	Aax94115	PCR prime
888	9	45.0	20	2	AAX92423	Aax92423	PCR prime
c 889	9	45.0	20	2	AAV83875	Aav83875	Reverse p
c 890	9	45.0	20	2	AAX19235	Aax19235	Human PKC
c 891	9	45.0	20	2	AAZ27374	Aaz27374	Human pro
c 892	9	45.0	20	3	AAZ90683	Aaz90683	Human KVL
893	9	45.0	20	3	AAC69226	Aac69226	Human ABC
894	9	45.0	20	3	AAZ87680	Aaz87680	Human NOS
c 895	9	45.0	20	3	AAZ46589	Aaz46589	Forward p
c 896	9	45.0	20	3	AAZ49928	Aaz49928	Human tum
897	9	45.0	20	3	AAZ93630	Aaz93630	Antisense
c 898	9	45.0	20	3	AAA79861	Aaa79861	Hepatitis
c 899	9	45.0	20	3	AAA79859	Aaa79859	Hepatitis
c 900	9	45.0	20	3	AAA79862	Aaa79862	Hepatitis
c 901	9	45.0	20	3	AAA79860	Aaa79860	Hepatitis
c 902	9	45.0	20	3	AAA79857	Aaa79857	Hepatitis
c 903	9	45.0	20	3	AAA79858	Aaa79858	Hepatitis
c 904	9	45.0	20	3	AAA11806	Aaa11806	Human MDM
c 905	9	45.0	20	3	AAA11804	Aaa11804	Human MDM
c 906	9	45.0	20	3	AAA11805	Aaa11805	Human MDM
c 907	9	45.0	20	3	AAZ98913	Aaz98913	Human lon
c 908	9	45.0	20	3	AAA56707	Aaa56707	PCR prime
909	9	45.0	20	3	AAA29197	Aaa29197	Antisense
c 910	9	45.0	20	3	AAA90239	Aaa90239	Influenza
911	9	45.0	20	3	AAC60579	Aac60579	Human fra
912	9	45.0	20	3	AAC71574	Aac71574	Single nu
c 913	9	45.0	20	3	AAA66621	Aaa66621	Dog genom
c 914	9	45.0	20	3	AAA66537	Aaa66537	Dog genom
c 915	9	45.0	20	3	AAA73564	Aaa73564	CRF2 rece
916	9	45.0	20	4	AAD11349	Aad11349	Human cot
c 917	9	45.0	20	4	AAC89923	Aac89923	Human KVL
c 918	9	45.0	20	4	AAS03103	Aas03103	Mouse pan
c 919	9	45.0	20	4	AAH40985	Aah40985	CAP marke
c 920	9	45.0	20	4	AAS09152	Aas09152	RT-PCR fo
921	9	45.0	20	4	AAF99261	Aaf99261	Immunosti
922	9	45.0	20	4	AAH40609	Aah40609	SNP speci
c 923	9	45.0	20	4	AAF27129	Aaf27129	Human cyc
924	9	45.0	20	4	AAD12151	Aad12151	Rat PTP1B
c 925	9	45.0	20	4	AAF23352	Aaf23352	Oligonucl
926	9	45.0	20	4	AAC92693	Aac92693	Human Nck
927	9	45.0	20	4	AAS01585	Aas01585	Human fib
c 928	9	45.0	20	4	AAS01638	Aas01638	Human fib
929	9	45.0	20	4	AAH78389	Aah78389	Probe for
c 930	9	45.0	20	5	AAF93921	Aaf93921	Primer sp
931	9	45.0	20	5	AAF86747	Aaf86747	Human cyt
932	9	45.0	20	5	AAF86748	Aaf86748	Human cyt
933	9	45.0	20	5	AAD06879	Aad06879	Zif268 ge
934	9	45.0	20	5	AAH27675	Aah27675	Human bcl
935	9	45.0	20	5	ABA82371	Aba82371	Zmax1 gen
c 936	9	45.0	20	5	ADS54322	Ads54322	Herpes si
c 937	9	45.0	20	6	AAH77269	Aah77269	PCR prime
938	9	45.0	20	6	AAD41535	Aad41535	ST2 gene
939	9	45.0	20	6	ABS77906	Abs77906	Angiogene
940	9	45.0	20	6	ABA91239	Aba91239	Human G p
941	9	45.0	20	6	ABL38842	Abl38842	Immunosti
942	9	45.0	20	6	ABK85226	Abk85226	Rat PTPB1
c 943	9	45.0	20	6	ABL90962	Abl90962	Human pro
c 944	9	45.0	20	6	ABL45464	Abl45464	Human chr
c 945	9	45.0	20	6	ABL44566	Abl44566	Human chr
c 946	9	45.0	20	6	ABL45596	Abl45596	Human chr
947	9	45.0	20	6	ABK37395	Abk37395	Rat PTP1B
c 948	9	45.0	20	6	ABL51620	Abl51620	Arabidops
949	9	45.0	20	6	AAD34361	Aad34361	Human BSM
950	9	45.0	20	6	ABK23168	Abk23168	Human Zma
c 951	9	45.0	20	6	AAD27870	Aad27870	Rattus no
952	9	45.0	20	6	ABI94762	Abi94762	Capture o
953	9	45.0	20	6	ABI95136	Abi95136	Capture o
954	9	45.0	20	6	ABI97077	Abi97077	Capture o
955	9	45.0	20	6	ABI93323	Abi93323	Capture o
956	9	45.0	20	6	ABI97515	Abi97515	Capture o
c 957	9	45.0	20	6	ABI93657	Abi93657	Capture o
958	9	45.0	20	6	ABI97014	Abi97014	Capture o
c 959	9	45.0	20	6	ABI97240	Abi97240	Capture o
960	9	45.0	20	6	ABI93021	Abi93021	Capture o
961	9	45.0	20	6	ABI95219	Abi95219	Capture o
962	9	45.0	20	6	ABI96166	Abi96166	Capture o
963	9	45.0	20	6	ABI93384	Abi93384	Capture o
964	9	45.0	20	6	ABI93558	Abi93558	Capture o
965	9	45.0	20	6	ABN89758	Abn89758	Human ABC
c 966	9	45.0	20	6	AAD64726	Aad64726	P1 PCR pr
967	9	45.0	20	8	ACA97191	Aca97191	Vpr-drive
c 968	9	45.0	20	8	ACA96842	Aca96842	Human gli
969	9	45.0	20	8	ACC45751	Acc45751	Human HBM

c 970	9	45.0	20	8	ABT43263	Abt43263 Neuroblas
c 971	9	45.0	20	8	ABT32375	Abt32375 Neuroblas
c 972	9	45.0	20	9	ACF06287	Acf06287 Human INS
c 973	9	45.0	20	9	ACF05725	Acf05725 Primer pE
974	9	45.0	20	9	ACD99692	Acd99692 Immunosti
c 975	9	45.0	20	9	ACH11241	Ach11241 Human pro
c 976	9	45.0	20	9	ACF05566	Acf05566 Primer pE
977	9	45.0	20	9	ADB36763	Adb36763 Immunosti
978	9	45.0	20	10	ADB98449	Adb98449 Sequence
c 979	9	45.0	20	10	ADC01685	Adc01685 Enterohae
c 980	9	45.0	20	10	ADC53948	Adc53948 Human RRC
981	9	45.0	20	10	ADF42988	Adf42988 Bacterial
982	9	45.0	20	10	AAD64203	Aad64203 Human bcl
c 983	9	45.0	20	10	ADF88385	Adf88385 Single nu
c 984	9	45.0	20	10	ADF91099	Adf91099 Microorga
985	9	45.0	20	10	ADI61561	Adi61561 Human SAP
986	9	45.0	20	10	ADI61560	Adi61560 Human SAP
987	9	45.0	20	10	ADI61559	Adi61559 Human SAP
c 988	9	45.0	20	10	ACH01265	Ach01265 Human INS
989	9	45.0	20	10	ADH94364	Adh94364 Human gen
c 990	9	45.0	20	10	ABZ91952	Abz91952 Human oli
c 991	9	45.0	20	10	ABZ91953	Abz91953 Human oli
992	9	45.0	20	10	ABZ93803	Abz93803 Human oli
c 993	9	45.0	20	10	ABZ93501	Abz93501 Human oli
c 994	9	45.0	20	10	ABZ93502	Abz93502 Human oli
995	9	45.0	20	10	ABZ93804	Abz93804 Human oli
996	9	45.0	20	10	ADK52536	Adk52536 Aspergill
c 997	9	45.0	20	10	ADJ80064	Adj80064 CORE-cass
c 998	9	45.0	20	11	ADL63854	Adl63854 Mammalian
c 999	9	45.0	20	11	ABD29732	Abd29732 AA626698-
1000	9	45.0	20	11	ABD30033	Abd30033 AA187351-
c1001	9	45.0	20	11	ABD29731	Abd29731 AA626698-
1002	9	45.0	20	11	ABD30034	Abd30034 AA187351-
c1003	9	45.0	20	11	ABD28183	Abd28183 AA485272-
c1004	9	45.0	20	11	ABD28182	Abd28182 AA485272-
c1005	9	45.0	20	12	ADE52678	Ade52678 dnaform41
c1006	9	45.0	20	12	ADG67613	Adg67613 Human INS
c1007	9	45.0	20	12	ADG86915	Adg86915 Mouse PPA
c1008	9	45.0	20	12	ADG94021	Adg94021 Human TNF
c1009	9	45.0	20	12	ADH19187	Adh19187 PCR prime
c1010	9	45.0	20	12	ADH48016	Adh48016 Protein k
1011	9	45.0	20	12	ADH50728	Adh50728 Human IRA
c1012	9	45.0	20	12	ADH50664	Adh50664 Human IRA
1013	9	45.0	20	12	ADI80105	Adi80105 Mouse tra
c1014	9	45.0	20	12	ADI80199	Adi80199 Human tra
1015	9	45.0	20	12	ADI80056	Adi80056 Human tra
c1016	9	45.0	20	12	ADI80232	Adi80232 Mouse tra
1017	9	45.0	20	12	ADI13956	Adi13956 Antisense
1018	9	45.0	20	12	ADH76658	Adh76658 MCHR1 loc
1019	9	45.0	20	12	ADH76815	Adh76815 MCHR1 loc
c1020	9	45.0	20	12	ADI23759	Adi23759 Human PTP
1021	9	45.0	20	12	ADI23836	Adi23836 Human PTP
c1022	9	45.0	20	12	ADI35797	Adi35797 PCR prime
c1023	9	45.0	20	12	ADI36625	Adi36625 Human PLM
1024	9	45.0	20	12	ADI36692	Adi36692 Human PLM
c1025	9	45.0	20	12	ADK98205	Adk98205 Primer of
1026	9	45.0	20	12	ADK97449	Adk97449 Primer of
1027	9	45.0	20	12	ADK96426	Adk96426 Primer of
c1028	9	45.0	20	12	ADK97856	Adk97856 Primer of
c1029	9	45.0	20	12	ADJ57032	Adj57032 Sequencin
c1030	9	45.0	20	12	ADJ65085	Adj65085 Human typ
1031	9	45.0	20	12	ADJ25192	Adj25192 Human end
c1032	9	45.0	20	12	ADJ24427	Adj24427 Human end
1033	9	45.0	20	12	ADJ24064	Adj24064 Human end
c1034	9	45.0	20	12	ADJ23715	Adj23715 Human end
c1035	9	45.0	20	12	ADL08162	Adl08162 Human INS
c1036	9	45.0	20	12	ADM69899	Adm69899 Plant gen
c1037	9	45.0	20	12	ADL34853	Adl34853 Antisense
c1038	9	45.0	20	12	ADL72963	Adl72963 Human INS
c1039	9	45.0	20	12	ADO44267	Ado44267 PCR prime
c1040	9	45.0	20	12	ADN36851	Adn36851 West Nile
1041	9	45.0	20	12	ADO16629	Ado16629 4 synthes
c1042	9	45.0	20	12	ADN31502	Adn31502 Mouse for
c1043	9	45.0	20	12	ADP74072	Adp74072 RT-PCR pr
c1044	9	45.0	20	12	ADO48055	Ado48055 Human HIP
c1045	9	45.0	20	12	ADO48054	Ado48054 Human HIP
1046	9	45.0	20	12	ADO48122	Ado48122 Human HIP
1047	9	45.0	20	12	ADP81547	Adp81547 Human CD1
1048	9	45.0	20	12	ADP87943	Adp87943 2',5'-oli
c1049	9	45.0	20	12	ADP85762	Adp85762 Mitochond
1050	9	45.0	20	12	ADP85838	Adp85838 Mitochond
1051	9	45.0	20	12	ADP85903	Adp85903 Mitochond
c1052	9	45.0	20	12	ADP85763	Adp85763 Mitochond
c1053	9	45.0	20	12	ADP85764	Adp85764 Mitochond
1054	9	45.0	20	12	ADP85839	Adp85839 Mitochond
c1055	9	45.0	20	12	ADP85827	Adp85827 Mitochond
1056	9	45.0	20	12	ADP85840	Adp85840 Mitochond
c1057	9	45.0	20	12	ADP43308	Adp43308 Human pit
c1058	9	45.0	20	12	ADQ26966	Adq26966 Human myo
c1059	9	45.0	20	12	ADP20985	Adp20985 Human IFN
c1060	9	45.0	20	12	ADP71332	Adp71332 Human INS
c1061	9	45.0	20	12	ADP74791	Adp74791 Human INS
c1062	9	45.0	20	12	ADP80530	Adp80530 Interleuk
c1063	9	45.0	20	12	ADQ81716	Adq81716 FOXO fami
1064	9	45.0	20	12	ADQ15441	Adq15441 Mouse thy
c1065	9	45.0	20	12	ADQ14130	Adq14130 CAPN3/DYS
1066	9	45.0	20	13	ADQ88802	Adq88802 Human HIF
c1067	9	45.0	20	13	ADR23092	Adr23092 Human INS
c1068	9	45.0	20	13	ADR23106	Adr23106 Human INS
c1069	9	45.0	20	13	ADQ90978	Adq90978 Human fib
c1070	9	45.0	20	13	ADQ89035	Adq89035 Human pre
1071	9	45.0	20	13	ADR17314	Adr17314 Human chr
c1072	9	45.0	20	13	ADS19744	Ads19744 Human PTP
1073	9	45.0	20	13	ADS19674	Ads19674 Human PTP
c1074	9	45.0	20	13	ADR45314	Adr45314 CDC42 bin
c1075	9	45.0	20	13	ADR45193	Adr45193 CDC42 bin
1076	9	45.0	20	13	ADR47965	Adr47965 Human chr
1077	9	45.0	20	13	ADR86634	Adr86634 Human HCN
c1078	9	45.0	20	13	ADS93127	Ads93127 PCR prime
1079	9	45.0	20	13	ADS73957	Ads73957 Human TNF
1080	9	45.0	20	13	ADT00288	Adt00288 Novel mut
1081	9	45.0	20	13	ADT01345	Adt01345 Novel mut
1082	9	45.0	20	13	ADT86820	Adt86820 Mouse for
c1083	9	45.0	21	2	AAQ31275	Aaq31275 CTXA1/1N
1084	9	45.0	21	2	AAQ71937	Aaq71937 Human IL-
c1085	9	45.0	21	2	AAQ65920	Aaq65920 Type II p
1086	9	45.0	21	2	AAQ97578	Aaq97578 3' primer
c1087	9	45.0	21	2	AAQ93189	Aaq93189 C. perfri
1088	9	45.0	21	2	AAT36268	Aat36268 Primer CA
c1089	9	45.0	21	2	AAV14310	Aav14310 Probe HBP
c1090	9	45.0	21	2	AAV14311	Aav14311 Probe HBP
1091	9	45.0	21	2	AAT59925	Aat59925 Human cyc
1092	9	45.0	21	2	AAV60993	Aav60993 Inverse P
1093	9	45.0	21	2	AAV52711	Aav52711 Hepatocyt
1094	9	45.0	21	2	AAV61728	Aav61728 Hepatitis
1095	9	45.0	21	3	AAA07679	Aaa07679 Reverse p
c1096	9	45.0	21	3	AAA15090	Aaa15090 PCR prime
c1097	9	45.0	21	3	AAC55372	Aac55372 Human GTP
c1098	9	45.0	21	3	AAA66559	Aaa66559 Dog genom
1099	9	45.0	21	4	AAF96848	Aaf96848 Human gen
c1100	9	45.0	21	4	AAF96611	Aaf96611 Human gen
c1101	9	45.0	21	4	AAF97293	Aaf97293 Human gen
1102	9	45.0	21	4	AAC92909	Aac92909 Mouse ISF
1103	9	45.0	21	5	AAS00318	Aas00318 Sense PCR
1104	9	45.0	21	5	AAH75140	Aah75140 PCR prime
c1105	9	45.0	21	6	ABQ75589	Abq75589 Human SEE
1106	9	45.0	21	6	ABS60252	Abs60252 Human pol
1107	9	45.0	21	6	ABS60253	Abs60253 Human pol
c1108	9	45.0	21	6	AAL50116	Aal50116 Human CAB
c1109	9	45.0	21	6	AAL46973	Aal46973 Cell cycl
1110	9	45.0	21	6	ABS97538	Abs97538 Human epo
1111	9	45.0	21	6	ABS97539	Abs97539 Human epo
1112	9	45.0	21	6	AAD45420	Aad45420 Human MLH
c1113	9	45.0	21	6	ABK13463	Abk13463 Hamster E
c1114	9	45.0	21	6	ABK13462	Abk13462 Yeast mEF
1115	9	45.0	21	8	ABT21584	Abt21584 Multiplex

c1116	9	45.0	21	8	AAD55932	Aad55932 Human PPA
c1117	9	45.0	21	8	AAD55931	Aad55931 Human PPA
c1118	9	45.0	21	8	ABV76191	Abv76191 Murine Ho
1119	9	45.0	21	8	ACD66492	Acd66492 Renilla l
c1120	9	45.0	21	9	ACF05740	Acf05740 RIP sense
1121	9	45.0	21	9	ACD13828	Acd13828 Human hML
1122	9	45.0	21	10	ADF87426	Adf87426 Single nu
1123	9	45.0	21	10	ADF88264	Adf88264 Single nu
1124	9	45.0	21	10	ADH61050	Adh61050 Human hML
1125	9	45.0	21	10	ABZ77292	Abz77292 PCR prime
1126	9	45.0	21	11	ADJ13736	Adj13736 Human DNA
1127	9	45.0	21	11	ADJ13144	Adj13144 Human DNA
c1128	9	45.0	21	12	ADO17819	Ado17819 Primer of
c1129	9	45.0	21	12	ADN48540	Adn48540 PCR prime
c1130	9	45.0	21	12	ADN48521	Adn48521 PCR prime
1131	9	45.0	21	13	ADR16252	Adr16252 Human Pab
c1132	9	45.0	21	13	ADR16253	Adr16253 Human Pab
c1133	9	45.0	21	13	ADR45275	Adr45275 CDC42 bin
1134	9	45.0	21	13	ADR45274	Adr45274 CDC42 bin
1135	9	45.0	21	13	ADR45153	Adr45153 CDC42 bin
c1136	9	45.0	21	13	ADR45154	Adr45154 CDC42 bin
c1137	9	45.0	22	2	AAQ53032	Aaq53032 Herpes si
c1138	9	45.0	22	2	AAV14324	Aav14324 Probe HBP
c1139	9	45.0	22	2	AAV14325	Aav14325 Probe HBP
c1140	9	45.0	22	2	AAT68724	Aat68724 Human ost
c1141	9	45.0	22	2	AAV41221	Aav41221 Prevotell
1142	9	45.0	22	2	AAV09494	Aav09494 CpG-conta
c1143	9	45.0	22	2	AAV09598	Aav09598 MSP ampli
1144	9	45.0	22	3	AAC64393	Aac64393 Human KCN
1145	9	45.0	22	4	AAH27050	Aah27050 Interleuk
1146	9	45.0	22	5	AAI69528	Aai69528 Intestina
1147	9	45.0	22	6	ABQ91909	Abq91909 M. capsul
c1148	9	45.0	22	6	ABK91182	Abk91182 Human lys
c1149	9	45.0	22	8	ABV74590	Abv74590 Human per
1150	9	45.0	22	8	ABX56345	Abx56345 Human NOV
1151	9	45.0	22	8	ABV73384	Abv73384 Human TGR
1152	9	45.0	22	10	ADC01675	Adc01675 Enterohae
1153	9	45.0	22	10	ADC64988	Adc64988 Clostridi
1154	9	45.0	22	10	ADC24754	Adc24754 Human HNL
1155	9	45.0	22	10	ADD90696	Add90696 SOCS1 PCR
1156	9	45.0	22	11	ADM65594	Adm65594 NRY polym
1157	9	45.0	22	11	ADM65597	Adm65597 NRY polym
1158	9	45.0	22	12	ADH51552	Adh51552 Human SOC
1159	9	45.0	22	12	ADK96533	Adk96533 Primer of
1160	9	45.0	22	12	ADK41303	Adk41303 Human chr
1161	9	45.0	22	12	ADK41369	Adk41369 Human chr
1162	9	45.0	22	12	ADL57200	Adl57200 Human NOV
1163	9	45.0	22	12	ADM57600	Adm57600 p57 rever
c1164	9	45.0	22	12	ADQ59010	Adq59010 Yin yang-
1165	9	45.0	22	12	ADQ17056	Adq17056 Porcine M
c1166	9	45.0	23	1	AAN94232	Aan94232 Sequence
c1167	9	45.0	23	2	AAQ31266	Aaq31266 CTXA1/1B
1168	9	45.0	23	2	AAQ56216	Aaq56216 env ampli
c1169	9	45.0	23	2	AAV14326	Aav14326 Probe HBP
1170	9	45.0	23	2	AAZ18268	Aaz18268 Primer fo
1171	9	45.0	23	2	AAZ01346	Aaz01346 PCR prime
c1172	9	45.0	23	3	AAZ37016	Aaz37016 Probe for
1173	9	45.0	23	3	AAA64529	Aaa64529 PCR prime
1174	9	45.0	23	3	AAZ92016	Aaz92016 Mahogany
1175	9	45.0	23	3	AAZ39886	Aaz39886 PCR prime
c1176	9	45.0	23	3	AAA87966	Aaa87966 UL9 herpe
c1177	9	45.0	23	4	AAF69931	Aaf69931 Human TNF
c1178	9	45.0	23	4	AAF69935	Aaf69935 Human TNF
c1179	9	45.0	23	4	AAF69887	Aaf69887 Human TNF
c1180	9	45.0	23	4	AAF69894	Aaf69894 Human TNF
c1181	9	45.0	23	4	AAF69904	Aaf69904 Human TNF
c1182	9	45.0	23	4	AAF69907	Aaf69907 Human TNF
c1183	9	45.0	23	4	AAF69892	Aaf69892 Human TNF
c1184	9	45.0	23	4	AAF69923	Aaf69923 Human TNF
c1185	9	45.0	23	4	AAF69933	Aaf69933 Human TNF
c1186	9	45.0	23	4	AAF69889	Aaf69889 Human TNF
c1187	9	45.0	23	4	AAF69925	Aaf69925 Human TNF
c1188	9	45.0	23	4	AAF69913	Aaf69913 Human TNF
c1189	9	45.0	23	4	AAF69900	Aaf69900 Human TNF
c1190	9	45.0	23	4	AAF69921	Aaf69921 Human TNF
c1191	9	45.0	23	4	AAF69926	Aaf69926 Human TNF
c1192	9	45.0	23	4	AAF69942	Aaf69942 Human TNF
c1193	9	45.0	23	4	AAF69898	Aaf69898 Human TNF
c1194	9	45.0	23	4	AAF69929	Aaf69929 Human TNF
c1195	9	45.0	23	4	AAF69936	Aaf69936 Human TNF
c1196	9	45.0	23	4	AAF69939	Aaf69939 Human TNF
c1197	9	45.0	23	4	AAF69881	Aaf69881 Human TNF
c1198	9	45.0	23	4	AAF69943	Aaf69943 Human TNF
1199	9	45.0	23	4	AAS08253	Aas08253 Aloe arbo
c1200	9	45.0	23	6	ABN81514	Abn81514 Yeast PCR
1201	9	45.0	23	6	ABK95680	Abk95680 Birch all
1202	9	45.0	23	6	ABZ31217	Abz31217 Candida a
1203	9	45.0	23	6	AAL41705	Aal41705 Human col
1204	9	45.0	23	8	ABT21553	Abt21553 Multiplex
1205	9	45.0	23	8	ABZ69275	Abz69275 J lividum
c1206	9	45.0	23	8	AAL54135	Aal54135 Hamster 6
c1207	9	45.0	23	9	ACC69264	Acc69264 Human amy
1208	9	45.0	23	10	ADE86754	Ade86754 Pax5 prim
1209	9	45.0	23	12	ADF51224	Adf51224 Bet v 1 a
c1210	9	45.0	23	12	ADK96546	Adk96546 Primer of
1211	9	45.0	23	12	ADL66113	Adl66113 Mouse Dyr
1212	9	45.0	23	12	ADN35439	Adn35439 Human NSC
1213	9	45.0	23	12	ADO11799	Ado11799 Single mu
c1214	9	45.0	23	12	ADO80820	Ado80820 Drosomyci
1215	9	45.0	24	2	AAQ52641	Aaq52641 Probe SF3
c1216	9	45.0	24	2	AAQ41249	Aaq41249 env/U3 pr
1217	9	45.0	24	2	AAT42927	Aat42927 PCR-1 pri
c1218	9	45.0	24	2	AAT70202	Aat70202 RNA polym
c1219	9	45.0	24	2	AAT94525	Aat94525 Constant
c1220	9	45.0	24	2	AAV14327	Aav14327 Probe HBP
1221	9	45.0	24	2	AAT86540	Aat86540 Target ol
1222	9	45.0	24	2	AAT97096	Aat97096 Cysteinyl
1223	9	45.0	24	2	AAV36120	Aav36120 Target ol
c1224	9	45.0	24	2	AAX15130	Aax15130 Constant
1225	9	45.0	24	3	AAA51244	Aaa51244 Primer 2
1226	9	45.0	24	3	AAA51252	Aaa51252 BamHI pri
1227	9	45.0	24	3	AAZ36019	Aaz36019 Forward P
1228	9	45.0	24	3	AAA09903	Aaa09903 Human OCT
c1229	9	45.0	24	3	AAZ39888	Aaz39888 PCR prime
c1230	9	45.0	24	3	AAA97491	Aaa97491 Human TLP
1231	9	45.0	24	4	AAF76353	Aaf76353 Human klo
c1232	9	45.0	24	6	ABL42430	Abl42430 Polypepti
c1233	9	45.0	24	6	ABV74691	Abv74691 Human rib
1234	9	45.0	24	6	AAI99831	Aai99831 Human G p
c1235	9	45.0	24	6	ABQ03328	Abq03328 Oligonucl
1236	9	45.0	24	6	ABQ03602	Abq03602 Oligonucl
c1237	9	45.0	24	6	AAD28797	Aad28797 Human 20P
1238	9	45.0	24	6	ABI82512	Abi82512 Capture o
1239	9	45.0	24	6	ABI84272	Abi84272 Capture o
c1240	9	45.0	24	6	ABI90599	Abi90599 Capture o
1241	9	45.0	24	6	ABI91778	Abi91778 Capture o
c1242	9	45.0	24	6	ABI87315	Abi87315 Capture o
1243	9	45.0	24	6	ABI88902	Abi88902 Capture o
1244	9	45.0	24	6	ABI92898	Abi92898 Capture o
c1245	9	45.0	24	6	ABI83687	Abi83687 Capture o
c1246	9	45.0	24	6	ABI90835	Abi90835 Capture o
c1247	9	45.0	24	6	ABI83239	Abi83239 Capture o
c1248	9	45.0	24	6	ABI88903	Abi88903 Capture o
1249	9	45.0	24	6	ABI91600	Abi91600 Capture o
c1250	9	45.0	24	6	ABI91879	Abi91879 Capture o
c1251	9	45.0	24	6	ABI84273	Abi84273 Capture o
1252	9	45.0	24	6	ABI86094	Abi86094 Capture o
1253	9	45.0	24	6	ABI90724	Abi90724 Capture o
1254	9	45.0	24	6	ABI91051	Abi91051 Capture o
c1255	9	45.0	24	6	ABI92505	Abi92505 Capture o
c1256	9	45.0	24	6	ABI82613	Abi82613 Capture o
c1257	9	45.0	24	6	ABI83217	Abi83217 Capture o
c1258	9	45.0	24	6	ABI86843	Abi86843 Capture o
1259	9	45.0	24	6	ABI87314	Abi87314 Capture o
c1260	9	45.0	24	6	ABI92483	Abi92483 Capture o
c1261	9	45.0	24	6	ABI82513	Abi82513 Capture o

1262	9	45.0	24	6	ABI83686	Abi83686 Capture o
1263	9	45.0	24	6	ABI91096	Abi91096 Capture o
1264	9	45.0	24	6	ABI83338	Abi83338 Capture o
c1265	9	45.0	24	6	ABI86095	Abi86095 Capture o
c1266	9	45.0	24	6	ABI90555	Abi90555 Capture o
c1267	9	45.0	24	6	ABI91779	Abi91779 Capture o
1268	9	45.0	24	6	ABI83885	Abi83885 Capture o
c1269	9	45.0	24	6	ABI92899	Abi92899 Capture o
c1270	9	45.0	24	6	ABI83884	Abi83884 Capture o
1271	9	45.0	24	6	ABI90834	Abi90834 Capture o
c1272	9	45.0	24	6	ABI91050	Abi91050 Capture o
1273	9	45.0	24	6	ABI91878	Abi91878 Capture o
1274	9	45.0	24	6	ABI83238	Abi83238 Capture o
1275	9	45.0	24	6	ABI90554	Abi90554 Capture o
c1276	9	45.0	24	6	ABI91097	Abi91097 Capture o
1277	9	45.0	24	6	ABI92708	Abi92708 Capture o
1278	9	45.0	24	6	ABI83216	Abi83216 Capture o
c1279	9	45.0	24	6	ABI83339	Abi83339 Capture o
1280	9	45.0	24	6	ABI84834	Abi84834 Capture o
c1281	9	45.0	24	6	ABI84835	Abi84835 Capture o
1282	9	45.0	24	6	ABI90598	Abi90598 Capture o
c1283	9	45.0	24	6	ABI90725	Abi90725 Capture o
1284	9	45.0	24	6	ABI92482	Abi92482 Capture o
1285	9	45.0	24	6	ABI82612	Abi82612 Capture o
1286	9	45.0	24	6	ABI86842	Abi86842 Capture o
c1287	9	45.0	24	6	ABI91601	Abi91601 Capture o
1288	9	45.0	24	6	ABI92504	Abi92504 Capture o
c1289	9	45.0	24	6	ABI92709	Abi92709 Capture o
1290	9	45.0	24	8	ABZ25875	Abz25875 Human zin
c1291	9	45.0	24	8	ABX12339	Abx12339 Fluoresce
1292	9	45.0	24	9	AAL56648	Aal56648 HS14177+
c1293	9	45.0	24	9	ACH00144	Ach00144 Sense PCR
c1294	9	45.0	24	10	ADC38515	Adc38515 Human AML
c1295	9	45.0	24	10	ADC24373	Adc24373 PCR prime
1296	9	45.0	24	10	ACF58479	Acf58479 M. hyorhi
c1297	9	45.0	24	10	ADI25325	Adi25325 Engineere
c1298	9	45.0	24	10	ADI61547	Adi61547 Human SAP
c1299	9	45.0	24	10	ACD02175	Acd02175 Polymorph
c1300	9	45.0	24	12	ADK94975	Adk94975 Primer of
c1301	9	45.0	24	12	ADO17961	Ado17961 Primer of
c1302	9	45.0	24	12	ADO18071	Ado18071 Primer of
1303	9	45.0	24	12	ADP53971	Adp53971 DNA probe
1304	9	45.0	24	12	ADO33774	Ado33774 PCR prime
1305	9	45.0	24	12	ADP98367	Adp98367 C. albica
c1306	9	45.0	25	1	AAN80822	Aan80822 Probe no.
c1307	9	45.0	25	2	AAV00172	Aav00172 Human CD8
1308	9	45.0	25	2	AAV60991	Aav60991 Inverse P
1309	9	45.0	25	2	AAV32324	Aav32324 Mycobacte
1310	9	45.0	25	2	AAZ28101	Aaz28101 E. coli C
1311	9	45.0	25	2	AAZ21137	Aaz21137 M. tuberc
c1312	9	45.0	25	3	AAA68655	Aaa68655 Bacteriop
c1313	9	45.0	25	3	AAA68283	Aaa68283 Bacteriop
c1314	9	45.0	25	3	AAA68682	Aaa68682 Bacteriop
1315	9	45.0	25	3	AAC96562	Aac96562 HLA DRB34
c1316	9	45.0	25	3	AAA14694	Aaa14694 PCR prime
1317	9	45.0	25	5	AAI62444	Aai62444 Soybean 5
c1318	9	45.0	25	5	AAF23083	Aaf23083 Campyloba
1319	9	45.0	25	6	ABS59196	Abs59196 Human G-p
c1320	9	45.0	25	6	ABN86470	Abn86470 Human MMP
c1321	9	45.0	25	6	ABN86469	Abn86469 Human MMP
c1322	9	45.0	25	6	ABQ79049	Abq79049 Mouse ZAQ
1323	9	45.0	25	6	AAL49860	Aal49860 Chloramph
c1324	9	45.0	25	9	ACI02239	Aci02239 Human mic
c1325	9	45.0	25	9	ACI59034	Aci59034 Human mic
1326	9	45.0	25	9	ACI35425	Aci35425 Human mic
1327	9	45.0	25	9	ACI11699	Aci11699 Human mic
c1328	9	45.0	25	9	ACI87847	Aci87847 Human mic
1329	9	45.0	25	9	ACI63161	Aci63161 Human mic
c1330	9	45.0	25	9	ACI95831	Aci95831 Human mic
1331	9	45.0	25	9	ACI48093	Aci48093 Human mic
c1332	9	45.0	25	9	ACK23356	Ack23356 Human mic
1333	9	45.0	25	9	ACK01151	Ack01151 Human mic
c1334	9	45.0	25	9	ACI76441	Aci76441 Human mic
c1335	9	45.0	25	9	ACI52806	Aci52806 Human mic
c1336	9	45.0	25	9	ACI31817	Aci31817 Human mic
c1337	9	45.0	25	9	ACI05151	Aci05151 Human mic
c1338	9	45.0	25	9	ACK10775	Ack10775 Human mic
c1339	9	45.0	25	9	ACI71230	Aci71230 Human mic
1340	9	45.0	25	9	ACI49132	Aci49132 Human mic
c1341	9	45.0	25	9	ACI76440	Aci76440 Human mic
1342	9	45.0	25	9	ACI79510	Aci79510 Human mic
1343	9	45.0	25	9	ACK30277	Ack30277 Human mic
c1344	9	45.0	25	9	ACI01470	Aci01470 Human mic
c1345	9	45.0	25	9	ACI58776	Aci58776 Human mic
c1346	9	45.0	25	9	ACI84956	Aci84956 Human mic
c1347	9	45.0	25	9	ACI87232	Aci87232 Human mic
c1348	9	45.0	25	9	ACI63974	Aci63974 Human mic
1349	9	45.0	25	9	ACI94272	Aci94272 Human mic
1350	9	45.0	25	9	ACI94273	Aci94273 Human mic
c1351	9	45.0	25	9	ACK22720	Ack22720 Human mic
1352	9	45.0	25	9	ACK02039	Ack02039 Human mic
c1353	9	45.0	25	9	ACI54949	Aci54949 Human mic
1354	9	45.0	25	9	ACI82726	Aci82726 Human mic
c1355	9	45.0	25	9	ACI34564	Aci34564 Human mic
1356	9	45.0	25	9	ACI98123	Aci98123 Human mic
1357	9	45.0	25	9	ACI81777	Aci81777 Human mic
1358	9	45.0	25	9	ACI35424	Aci35424 Human mic
1359	9	45.0	25	9	ACI61763	Aci61763 Human mic
c1360	9	45.0	25	9	ACI87231	Aci87231 Human mic
c1361	9	45.0	25	9	ACI19248	Aci19248 Human mic
c1362	9	45.0	25	9	ACI95830	Aci95830 Human mic
c1363	9	45.0	25	9	ACK03060	Ack03060 Human mic
c1364	9	45.0	25	9	ACK04517	Ack04517 Human mic
1365	9	45.0	25	9	ACI79511	Aci79511 Human mic
c1366	9	45.0	25	9	ACK29995	Ack29995 Human mic
c1367	9	45.0	25	9	ACI81358	Aci81358 Human mic
1368	9	45.0	25	9	ACI82727	Aci82727 Human mic
1369	9	45.0	25	9	ACI82972	Aci82972 Human mic
1370	9	45.0	25	9	ACI82973	Aci82973 Human mic
c1371	9	45.0	25	9	ACI35710	Aci35710 Human mic
c1372	9	45.0	25	9	ACI40466	Aci40466 Human mic
1373	9	45.0	25	9	ACI16003	Aci16003 Human mic
1374	9	45.0	25	9	ACI42651	Aci42651 Human mic
1375	9	45.0	25	9	ACK27306	Ack27306 Human mic
1376	9	45.0	25	9	ACK27645	Ack27645 Human mic
c1377	9	45.0	25	9	ACK29994	Ack29994 Human mic
c1378	9	45.0	25	9	ACI15069	Aci15069 Human mic
c1379	9	45.0	25	9	ACI71231	Aci71231 Human mic
c1380	9	45.0	25	9	ACI29074	Aci29074 Human mic
c1381	9	45.0	25	9	ACI59035	Aci59035 Human mic
c1382	9	45.0	25	9	ACI67283	Aci67283 Human mic
c1383	9	45.0	25	9	ACI42227	Aci42227 Human mic
1384	9	45.0	25	9	ACI42650	Aci42650 Human mic
c1385	9	45.0	25	9	ACI43054	Aci43054 Human mic
c1386	9	45.0	25	9	ACK21056	Ack21056 Human mic
1387	9	45.0	25	9	ACI73056	Aci73056 Human mic
1388	9	45.0	25	9	ACI24347	Aci24347 Human mic
1389	9	45.0	25	9	ACI50392	Aci50392 Human mic
1390	9	45.0	25	9	ACI89552	Aci89552 Human mic
1391	9	45.0	25	9	ACI41830	Aci41830 Human mic
c1392	9	45.0	25	9	ACI42226	Aci42226 Human mic
1393	9	45.0	25	9	ACK16572	Ack16572 Human mic
c1394	9	45.0	25	9	ACI99826	Aci99826 Human mic
1395	9	45.0	25	9	ACK03009	Ack03009 Human mic
c1396	9	45.0	25	9	ACI54948	Aci54948 Human mic
c1397	9	45.0	25	9	ACK29359	Ack29359 Human mic
c1398	9	45.0	25	9	ACI55596	Aci55596 Human mic
c1399	9	45.0	25	9	ACI05150	Aci05150 Human mic
1400	9	45.0	25	9	ACI06290	Aci06290 Human mic
1401	9	45.0	25	9	ACI36970	Aci36970 Human mic
1402	9	45.0	25	9	ACI98422	Aci98422 Human mic
1403	9	45.0	25	9	ACI49133	Aci49133 Human mic
1404	9	45.0	25	9	ACI49571	Aci49571 Human mic
1405	9	45.0	25	9	ACK01150	Ack01150 Human mic
c1406	9	45.0	25	9	ACK29358	Ack29358 Human mic
c1407	9	45.0	25	9	ACI16468	Aci16468 Human mic

c1408	9	45.0	25	9	ACI94892	Aci94892 Human mic
c1409	9	45.0	25	9	ACI78319	Aci78319 Human mic
1410	9	45.0	25	9	ACI78735	Aci78735 Human mic
1411	9	45.0	25	9	ACK08229	Ack08229 Human mic
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c1413	9	45.0	25	9	ACI58777	Aci58777 Human mic
c1414	9	45.0	25	9	ACK08667	Ack08667 Human mic
c1415	9	45.0	25	9	ACI61704	Aci61704 Human mic
c1416	9	45.0	25	9	ACI63975	Aci63975 Human mic
c1417	9	45.0	25	9	ACK14716	Ack14716 Human mic
1418	9	45.0	25	9	ACI44005	Aci44005 Human mic
c1419	9	45.0	25	9	ACI94893	Aci94893 Human mic
c1420	9	45.0	25	9	ACI46718	Aci46718 Human mic
c1421	9	45.0	25	9	ACI51247	Aci51247 Human mic
c1422	9	45.0	25	9	ACK04516	Ack04516 Human mic
c1423	9	45.0	25	9	ACI58556	Aci58556 Human mic
c1424	9	45.0	25	9	ACI11093	Aci11093 Human mic
c1425	9	45.0	25	9	ACI86244	Aci86244 Human mic
1426	9	45.0	25	9	ACI63159	Aci63159 Human mic
c1427	9	45.0	25	9	ACI94951	Aci94951 Human mic
1428	9	45.0	25	9	ACI45396	Aci45396 Human mic
1429	9	45.0	25	9	ACI73057	Aci73057 Human mic
1430	9	45.0	25	9	ACI23355	Aci23355 Human mic
1431	9	45.0	25	9	ACK26254	Ack26254 Human mic
1432	9	45.0	25	9	ACI77749	Aci77749 Human mic
c1433	9	45.0	25	9	ACK03061	Ack03061 Human mic
c1434	9	45.0	25	9	ACI86613	Aci86613 Human mic
1435	9	45.0	25	9	ACI61762	Aci61762 Human mic
1436	9	45.0	25	9	ACK16573	Ack16573 Human mic
1437	9	45.0	25	9	ACI68344	Aci68344 Human mic
1438	9	45.0	25	9	ACI51675	Aci51675 Human mic
1439	9	45.0	25	9	ACK03008	Ack03008 Human mic
1440	9	45.0	25	9	ACK05112	Ack05112 Human mic
c1441	9	45.0	25	9	ACI30854	Aci30854 Human mic
c1442	9	45.0	25	9	ACI06798	Aci06798 Human mic
c1443	9	45.0	25	9	ACI64536	Aci64536 Human mic
c1444	9	45.0	25	9	ACK20869	Ack20869 Human mic
1445	9	45.0	25	9	ACI49570	Aci49570 Human mic
1446	9	45.0	25	9	ACK26832	Ack26832 Human mic
1447	9	45.0	25	9	ACI78734	Aci78734 Human mic
1448	9	45.0	25	9	ACK29357	Ack29357 Human mic
c1449	9	45.0	25	9	ACI30855	Aci30855 Human mic
1450	9	45.0	25	9	ACI06291	Aci06291 Human mic
c1451	9	45.0	25	9	ACI58557	Aci58557 Human mic
c1452	9	45.0	25	9	ACI84957	Aci84957 Human mic
1453	9	45.0	25	9	ACI63210	Aci63210 Human mic
c1454	9	45.0	25	9	ACI88871	Aci88871 Human mic
c1455	9	45.0	25	9	ACI90902	Aci90902 Human mic
1456	9	45.0	25	9	ACK18055	Ack18055 Human mic
c1457	9	45.0	25	9	ACH54934	Ach54934 DNA targe
1458	9	45.0	25	9	ACH56029	Ach56029 DNA targe
1459	9	45.0	25	9	ACH59049	Ach59049 DNA targe
c1460	9	45.0	25	9	ACH52660	Ach52660 DNA targe
c1461	9	45.0	25	9	ACH56242	Ach56242 DNA targe
c1462	9	45.0	25	9	ACH59177	Ach59177 DNA targe
c1463	9	45.0	25	9	ACH52786	Ach52786 DNA targe
c1464	9	45.0	25	9	ACH59303	Ach59303 DNA targe
1465	9	45.0	25	9	ACH62638	Ach62638 DNA targe
1466	9	45.0	25	9	ACH54013	Ach54013 DNA targe
c1467	9	45.0	25	9	ACH54811	Ach54811 DNA targe
1468	9	45.0	25	9	ACH54602	Ach54602 DNA targe
1469	9	45.0	25	9	ACH62063	Ach62063 DNA targe
c1470	9	45.0	25	9	ACH65938	Ach65938 DNA seque
1471	9	45.0	25	9	ACH56583	Ach56583 DNA targe
1472	9	45.0	25	9	ACH62639	Ach62639 DNA targe
1473	9	45.0	25	9	ACH55906	Ach55906 DNA targe
1474	9	45.0	25	9	ACH58923	Ach58923 DNA targe
1475	9	45.0	25	9	ACH64680	Ach64680 DNA targe
c1476	9	45.0	25	9	ACH65828	Ach65828 DNA seque
c1477	9	45.0	25	9	ACH53346	Ach53346 DNA targe
c1478	9	45.0	25	9	ACH57058	Ach57058 DNA targe
1479	9	45.0	25	9	ACH58895	Ach58895 DNA targe
c1480	9	45.0	25	9	ACH62482	Ach62482 DNA targe
1481	9	45.0	25	9	ACH64806	Ach64806 DNA targe
c1482	9	45.0	25	9	ACH58619	Ach58619 DNA targe
c1483	9	45.0	25	9	ACH62356	Ach62356 DNA targe
1484	9	45.0	25	9	ACD27523	Acd27523 Human Sin
c1485	9	45.0	25	10	ADD69125	Add69125 Angiogene
1486	9	45.0	25	10	ADF63078	Adf63078 Human PCC
1487	9	45.0	25	10	ADF63096	Adf63096 Human PCC
c1488	9	45.0	25	11	ADL60049	Adl60049 Arabidops
c1489	9	45.0	25	12	ADK17346	Adk17346 Human OCT
c1490	9	45.0	25	12	ADO13030	Ado13030 Single mu
c1491	9	45.0	25	12	ADO10920	Ado10920 Single mu
c1492	9	45.0	25	12	ADP14499	Adp14499 Renal cel
1493	9	45.0	25	12	ADQ09982	Adq09982 RT-PCR pr
c1494	9	45.0	25	13	ADR15270	Adr15270 Human HGP
1495	9	45.0	25	13	ADR54190	Adr54190 Drug ther
c1496	9	45.0	25	13	ADR53943	Adr53943 Drug ther
1497	9	45.0	25	13	ADR54191	Adr54191 Drug ther
c1498	9	45.0	26	2	AAQ78590	Aaq78590 Vector am
c1499	9	45.0	26	2	AAT90892	Aat90892 3' primer
c1500	9	45.0	26	2	AAT80879	Aat80879 Vector am
1501	9	45.0	26	2	AAV28419	Aav28419 Mutated G
c1502	9	45.0	26	2	AAV45331	Aav45331 Human ext
1503	9	45.0	26	3	AAZ51871	Aaz51871 Primer 33
1504	9	45.0	26	4	AAC92125	Aac92125 Human MLT
1505	9	45.0	26	4	AAS00483	Aas00483 Human 5'-
c1506	9	45.0	26	6	ABT11765	Abt11765 Drosophil
c1507	9	45.0	26	10	ADC83985	Adc83985 Human pap
c1508	9	45.0	26	10	ADF43887	Adf43887 HPV 44 de
1509	9	45.0	26	11	ADL93385	Adl93385 Human MLT
c1510	9	45.0	26	12	ADL66325	Adl66325 SUV39H1 d
1511	9	45.0	26	12	ADO26560	Ado26560 Human MLT
c1512	9	45.0	26	12	ADO23682	Ado23682 Microorga
c1513	9	45.0	27	2	AAQ11639	Aaq11639 Probe PM#
c1514	9	45.0	27	2	AAQ39331	Aaq39331 pHENMBF58
c1515	9	45.0	27	2	AAX73721	Aax73721 Mouse flt
1516	9	45.0	27	2	AAX74181	Aax74181 Mouse flt
1517	9	45.0	27	2	AAV34032	Aav34032 P. carini
1518	9	45.0	27	2	AAV19054	Aav19054 Tetracycl
c1519	9	45.0	27	2	AAV93952	Aav93952 Human IL-
c1520	9	45.0	27	2	AAX76368	Aax76368 Yeast MSY
1521	9	45.0	27	2	AAV68656	Aav68656 Nucleotid
1522	9	45.0	27	2	AAV83974	Aav83974 PCR prime
1523	9	45.0	27	3	AAA38969	Aaa38969 Human G p
c1524	9	45.0	27	3	AAA38433	Aaa38433 Murine Ti
c1525	9	45.0	27	3	AAA15647	Aaa15647 HTLV p21
1526	9	45.0	27	3	AAA14923	Aaa14923 PCR prime
c1527	9	45.0	27	3	AAZ38555	Aaz38555 Human CXC
c1528	9	45.0	27	3	AAA90249	Aaa90249 Influenza
1529	9	45.0	27	3	AAC88396	Aac88396 Primer IN
c1530	9	45.0	27	3	AAA90202	Aaa90202 Influenza
1531	9	45.0	27	3	AAA65358	Aaa65358 Tetracycl
1532	9	45.0	27	3	AAC87186	Aac87186 Rice EPSP
1533	9	45.0	27	3	AAC89320	Aac89320 Primer IN
1534	9	45.0	27	4	AAF76354	Aaf76354 Human klo
c1535	9	45.0	27	4	AAD03184	Aad03184 PCR prime
c1536	9	45.0	27	5	AAF24907	Aaf24907 PCR prime
1537	9	45.0	27	6	ABS61033	Abs61033 Human aut
c1538	9	45.0	27	6	ABA81869	Aba81869 MAGE 1 ge
1539	9	45.0	27	6	AAL45004	Aal45004 CYP1B1 mu
c1540	9	45.0	27	6	AAL45003	Aal45003 CYP1B1 mu
1541	9	45.0	27	6	ABK87092	Abk87092 S. aureus
1542	9	45.0	27	6	ABA91287	Aba91287 Human ubi
c1543	9	45.0	27	10	ADC36416	Adc36416 Weed cont
c1544	9	45.0	27	11	ADM39503	Adm39503 Recombina
c1545	9	45.0	27	12	ADG39744	Adg39744 Adeno-ass
1546	9	45.0	27	13	ADR32109	Adr32109 Hepatitis
1547	9	45.0	27	13	ADR67799	Adr67799 Hepatitis
c1548	9	45.0	28	4	AAF89125	Aaf89125 Human DPB
c1549	9	45.0	28	6	ABK32981	Abk32981 PCR prime
1550	9	45.0	28	6	ABL60376	Abl60376 Human pol
1551	9	45.0	28	10	ADF42396	Adf42396 PCR prime
1552	9	45.0	28	13	ADS16990	Ads16990 Chloropla
c1553	9	45.0	29	2	AAQ57051	Aaq57051 SIVgag ep

1554	9	45.0	29	2	AAT42909	Aat42909 Primer 22
c1555	9	45.0	29	2	AAT63129	Aat63129 Glutathio
c1556	9	45.0	29	2	AAT63132	Aat63132 Glutathio
c1557	9	45.0	29	2	AAT44075	Aat44075 Human vas
c1558	9	45.0	29	2	AAV22696	Aav22696 Interleuk
1559	9	45.0	29	2	AAZ19902	Aaz19902 Human foe
1560	9	45.0	29	2	AAA17964	Aaa17964 Human TIE
1561	9	45.0	29	2	AAV93274	Aav93274 Human B-r
1562	9	45.0	29	2	AAV99740	Aav99740 Human sec
1563	9	45.0	29	3	AAD01063	Aad01063 Oligo #8
c1564	9	45.0	29	3	AAZ99116	Aaz99116 Phosphoen
c1565	9	45.0	29	3	AAA15750	Aaa15750 Human VEG
c1566	9	45.0	29	3	AAA49943	Aaa49943 Contig 25
c1567	9	45.0	29	3	AAF01236	Aaf01236 Hammerhea
c1568	9	45.0	29	3	AAF06653	Aaf06653 Hammerhea
c1569	9	45.0	29	4	AAS05382	Aas05382 Rhesus mo
c1570	9	45.0	29	6	ABS76735	Abs76735 Human del
c1571	9	45.0	29	6	ABK66112	Abk66112 Human gen
c1572	9	45.0	29	6	ABK90733	Abk90733 Post-tran
c1573	9	45.0	29	6	ABS71846	Abs71846 Human del
1574	9	45.0	29	9	ADA44987	Ada44987 Human oli
1575	9	45.0	29	10	ADE52628	Ade52628 SQV-relat
c1576	9	45.0	29	10	ACC46823	Acc46823 Human COP
1577	9	45.0	29	10	ABZ83692	Abz83692 Toxicolog
1578	9	45.0	30	2	AAQ42669	Aaq42669 Probe spe
1579	9	45.0	30	2	AAQ94738	Aaq94738 SCF c-kit
c1580	9	45.0	30	2	AAT45668	Aat45668 Yeast flo
1581	9	45.0	30	2	AAT45669	Aat45669 Yeast flo
c1582	9	45.0	30	2	AAT39947	Aat39947 Primer ET
c1583	9	45.0	30	2	AAT90112	Aat90112 Ha-ras on
c1584	9	45.0	30	2	AAV28380	Aav28380 Escherich
1585	9	45.0	30	2	AAZ23077	Aaz23077 Mouse ser
c1586	9	45.0	30	2	AAV81149	Aav81149 Single ch
c1587	9	45.0	30	3	AAZ90779	Aaz90779 PDC1 gene
c1588	9	45.0	30	3	AAZ58418	Aaz58418 TATA bind
c1589	9	45.0	30	3	AAZ54849	Aaz54849 Neisseria
1590	9	45.0	30	3	AAZ22708	Aaz22708 Human HSP
c1591	9	45.0	30	3	AAA30119	Aaa30119 PCR prime
c1592	9	45.0	30	3	AAZ88888	Aaz88888 Human wol
1593	9	45.0	30	3	AAA97524	Aaa97524 Pseudomon
1594	9	45.0	30	4	AAH42202	Aah42202 PCR prime
c1595	9	45.0	30	4	AAS95157	Aas95157 Otoferlin
1596	9	45.0	30	5	AAS06555	Aas06555 Mouse mic
c1597	9	45.0	30	5	AAF77021	Aaf77021 Part of b
c1598	9	45.0	30	5	AAD02410	Aad02410 Cyclin D2
c1599	9	45.0	30	5	AAI71398	Aai71398 Bovine MH
c1600	9	45.0	30	5	AAI71390	Aai71390 Bovine MH
c1601	9	45.0	30	5	AAI71399	Aai71399 Bovine MH
c1602	9	45.0	30	5	AAI71389	Aai71389 Bovine MH
c1603	9	45.0	30	6	ABL51533	Abl51533 Bovine od
c1604	9	45.0	30	6	ABX69583	Abx69583 Novel Hel
c1605	9	45.0	30	6	ABA92554	Aba92554 Adenoviru
c1606	9	45.0	30	6	AAS17429	Aas17429 Human p62
1607	9	45.0	30	6	ABK91929	Abk91929 Mouse CDC
1608	9	45.0	30	10	ADB61554	Adb61554 Hepatocyt
1609	9	45.0	30	10	ADB61556	Adb61556 Hepatocyt
c1610	9	45.0	30	10	ADF16790	Adf16790 Human alb
c1611	9	45.0	30	10	ADH21946	Adh21946 Human som
1612	9	45.0	30	10	ABZ82898	Abz82898 Toxicolog
c1613	9	45.0	30	10	ABZ83746	Abz83746 Toxicolog
1614	9	45.0	30	12	ADM18579	Adm18579 Human sub
1615	9	45.0	30	12	ADO56356	Ado56356 Human cyc
c1616	9	45.0	30	12	ADP09132	Adp09132 PCR prime
c1617	9	45.0	30	13	ADR72916	Adr72916 Primer 1
1618	9	45.0	31	2	AAT02422	Aat02422 Primer fo
1619	9	45.0	31	2	AAX38565	Aax38565 Human gen
1620	9	45.0	31	2	AAX36240	Aax36240 Primer us
1621	9	45.0	31	2	AAV08409	Aav08409 Oligonucl
1622	9	45.0	31	4	AAI30626	Aai30626 Human sin
c1623	9	45.0	31	4	AAI29940	Aai29940 Human sin
c1624	9	45.0	31	6	ABK59669	Abk59669 Human CLC
c1625	9	45.0	31	6	ABK67729	Abk67729 Novel tra
c1626	9	45.0	31	6	ABK67736	Abk67736 Novel tra
1627	9	45.0	31	6	ACN21672	Acn21672 WNV DNAzy
c1628	9	45.0	31	6	ACN32573	Acn32573 WNV minus
c1629	9	45.0	31	8	ABZ65905	Abz65905 Human HER
c1630	9	45.0	31	8	ABZ66303	Abz66303 Human HER
c1631	9	45.0	31	8	ABZ65604	Abz65604 Human HER
c1632	9	45.0	31	8	ACD64697	Acd64697 HCV minus
c1633	9	45.0	31	8	ACD58766	Acd58766 HCV DNAzy
c1634	9	45.0	31	8	ACD64013	Acd64013 HCV minus
c1635	9	45.0	31	8	ACD60444	Acd60444 HCV DNAzy
c1636	9	45.0	31	10	ADF43461	Adf43461 PCR prime
c1637	9	45.0	31	11	ADL52774	Adl52774 Human NOG
c1638	9	45.0	31	11	ADL75876	Adl75876 Human PTG
1639	9	45.0	31	11	ADM55503	Adm55503 DNAzyme t
c1640	9	45.0	31	12	ADI89349	Adi89349 HCV DNAzy
c1641	9	45.0	31	12	ADI91144	Adi91144 HCV DNAzy
c1642	9	45.0	31	12	ADI91492	Adi91492 HCV DNAzy
1643	9	45.0	32	3	AAA11783	Aaa11783 Human MDM
c1644	9	45.0	32	8	ABZ76291	Abz76291 NICD-2 cD
c1645	9	45.0	32	12	ADG93336	Adg93336 Plastid t
1646	9	45.0	32	12	ADJ98273	Adj98273 Oligonucl
1647	9	45.0	33	2	AAQ12125	Aaq12125 "Hydropho
1648	9	45.0	33	2	AAQ12101	Aaq12101 Sequence
c1649	9	45.0	33	2	AAT90108	Aat90108 Ha-ras on
c1650	9	45.0	33	3	AAZ45744	Aaz45744 PCR prime
c1651	9	45.0	33	3	AAZ52405	Aaz52405 Plus stra
1652	9	45.0	33	4	AAH24932	Aah24932 PCR prime
1653	9	45.0	33	4	AAS01059	Aas01059 Mouse 3'e
1654	9	45.0	33	5	ABI97610	Abi97610 Endogenou
1655	9	45.0	33	6	ABQ78821	Abq78821 Motor neu
1656	9	45.0	33	6	AAD22503	Aad22503 Mouse Fos
c1657	9	45.0	33	6	ABK89790	Abk89790 Human mac
1658	9	45.0	33	6	ABA00629	Aba00629 Human amy
c1659	9	45.0	33	6	ABA03278	Aba03278 Human can
c1660	9	45.0	33	6	ABZ57397	Abz57397 Membrane-
1661	9	45.0	33	6	ABS55408	Abs55408 Human pla
1662	9	45.0	33	6	ABZ21810	Abz21810 Transform
1663	9	45.0	33	6	ABL54509	Abl54509 Pectinatu
c1664	9	45.0	33	7	ADI92828	Adi92828 Mutant Tt
1665	9	45.0	33	7	ADI92829	Adi92829 Mutant Tt
c1666	9	45.0	33	9	ABX94841	Abx94841 E. nodatu
c1667	9	45.0	33	10	ABZ77303	Abz77303 PCR prime
1668	9	45.0	33	11	ADM65848	Adm65848 Human Ser
1669	9	45.0	33	12	ADH96953	Adh96953 H. pylori
1670	9	45.0	34	4	AAH24553	Aah24553 Human cir
1671	9	45.0	34	10	ABZ77302	Abz77302 PCR prime
1672	9	45.0	34	10	ABZ83114	Abz83114 Toxicolog
c1673	9	45.0	34	13	ADR24055	Adr24055 Epithelia
c1674	9	45.0	35	1	AAN94233	Aan94233 Sequence
c1675	9	45.0	35	1	AAN94223	Aan94223 Sequence
c1676	9	45.0	35	2	AAQ78579	Aaq78579 Vector am
c1677	9	45.0	35	2	AAQ78585	Aaq78585 Vector am
c1678	9	45.0	35	2	AAT80868	Aat80868 Vector am
c1679	9	45.0	35	2	AAT80874	Aat80874 Vector am
1680	9	45.0	35	2	AAX89518	Aax89518 PCR prime
1681	9	45.0	35	6	AAD39439	Aad39439 Cauliflow
c1682	9	45.0	35	6	ABX04109	Abx04109 Bacteriop
1683	9	45.0	35	10	ADF53049	Adf53049 Variant d
1684	9	45.0	35	12	ADJ83991	Adj83991 Primer us
1685	9	45.0	36	2	AAQ22334	Aaq22334 PCR prime
1686	9	45.0	36	2	AAQ62201	Aaq62201 KL cDNA P
1687	9	45.0	36	2	AAC86862	Aac86862 PCR prime
c1688	9	45.0	36	2	AAQ40310	Aaq40310 Labelled
c1689	9	45.0	36	2	AAQ45424	Aaq45424 Primer to
c1690	9	45.0	36	2	AAT71605	Aat71605 Hepatitis
c1691	9	45.0	36	2	AAT43846	Aat43846 PCR prime
1692	9	45.0	36	2	AAX89348	Aax89348 KL cDNA s
1693	9	45.0	36	3	AAZ36161	Aaz36161 PCR prime
1694	9	45.0	36	4	ABL60324	Abl60324 Human I k
1695	9	45.0	36	10	AAD59716	Aad59716 Human HGP
1696	9	45.0	36	10	AAD63820	Aad63820 Human HGP
1697	9	45.0	36	10	ABZ77309	Abz77309 Primer fo
c1698	9	45.0	36	10	ABZ77310	Abz77310 PCR prime
c1699	9	45.0	36	12	ADJ82884	Adj82884 Mycobacte

1700	9	45.0	36	12	ADO18892	Ado18892 Sequence
c1701	9	45.0	36	12	ADO36242	Ado36242 Intracell
1702	9	45.0	36	13	ADR68187	Adr68187 Adaptor o
1703	9	45.0	37	3	AAZ57639	Aaz57639 Nucleotid
1704	9	45.0	37	4	AAH25816	Aah25816 Human/mou
c1705	9	45.0	37	6	AAL47038	Aal47038 Rev-bindi
1706	9	45.0	37	6	ABK59088	Abk59088 Human CLC
1707	9	45.0	37	11	ADL74846	Adl74846 Human PKR
1708	9	45.0	37	11	ADM92911	Adm92911 SNP-conta
1709	9	45.0	37	11	ADO70339	Ado70339 PCR prime
1710	9	45.0	38	2	AAQ12027	Aaq12027 Probe I f
c1711	9	45.0	38	2	AAT32237	Aat32237 Camphor t
1712	9	45.0	38	2	AAT40765	Aat40765 Primer to
c1713	9	45.0	38	2	AAT12221	Aat12221 Human cyc
c1714	9	45.0	38	2	AAT12220	Aat12220 Human cyc
c1715	9	45.0	38	2	AAT70603	Aat70603 Ligand L4
c1716	9	45.0	38	2	AAX59278	Aax59278 Forward p
c1717	9	45.0	38	2	AAV11841	Aav11841 Human cyc
c1718	9	45.0	38	2	AAV11842	Aav11842 Human cyc
c1719	9	45.0	38	2	AAX58570	Aax58570 Forward p
c1720	9	45.0	38	3	AAZ88824	Aaz88824 Human cyc
c1721	9	45.0	38	3	AAZ88823	Aaz88823 Human cyc
c1722	9	45.0	38	6	ABK16402	Abk16402 Human adi
c1723	9	45.0	38	6	ABA03384	Aba03384 Neomycin
1724	9	45.0	38	6	ABK47267	Abk47267 Insulin/i
c1725	9	45.0	38	6	ACN26437	Acn26437 WNV minus
c1726	9	45.0	38	6	ACN27202	Acn27202 WNV minus
c1727	9	45.0	38	8	ACA07151	Aca07151 Necrosis
1728	9	45.0	38	8	ABT14462	Abt14462 HCV envel
1729	9	45.0	38	8	ACD53796	Acd53796 HBV zinzy
c1730	9	45.0	38	8	ACD51665	Acd51665 HBV hamme
c1731	9	45.0	38	8	ACD51668	Acd51668 HBV hamme
1732	9	45.0	38	8	AAD50612	Aad50612 pMF30 vec
c1733	9	45.0	38	8	ABX81536	Abx81536 Synthetic
c1734	9	45.0	38	9	ADA50641	Ada50641 Neomycin
1735	9	45.0	38	10	ABQ84220	Abq84220 Vector pM
1736	9	45.0	38	11	ADL55808	Adl55808 Human PKR
c1737	9	45.0	38	12	ADM61070	Adm61070 Hepatitis
c1738	9	45.0	38	12	ADM61073	Adm61073 Hepatitis
1739	9	45.0	38	12	ADM62218	Adm62218 Hepatitis
c1740	9	45.0	38	12	ADP66735	Adp66735 Human adi
1741	9	45.0	39	2	AAQ12129	Aaq12129 "Hydropho
1742	9	45.0	39	2	AAQ36595	Aaq36595 PCR prime
1743	9	45.0	39	2	AAQ39330	Aaq39330 Heavy cha
c1744	9	45.0	39	2	AAQ44470	Aaq44470 Sequence
c1745	9	45.0	39	2	AAT80128	Aat80128 Primer CP
c1746	9	45.0	39	2	AAT63174	Aat63174 HCV prote
1747	9	45.0	39	2	AAV30724	Aav30724 Telomeras
1748	9	45.0	39	2	AAX24492	Aax24492 CC49/218
1749	9	45.0	39	2	AAX03234	Aax03234 PCR prime
1750	9	45.0	39	5	AAS09542	Aas09542 Antibody
c1751	9	45.0	39	8	AAD56235	Aad56235 Mouse cal
1752	9	45.0	39	10	ADB61580	Adb61580 Hepatocyt
c1753	9	45.0	39	12	ADO17839	Ado17839 Primer of
c1754	9	45.0	39	13	ADR47013	Adr47013 Dengue vi
c1755	9	45.0	40	2	AAT31361	Aat31361 L10 ribos
c1756	9	45.0	40	2	AAV85670	Aav85670 LRP5 exon
1757	9	45.0	40	2	AAV85742	Aav85742 LRP5 exon
1758	9	45.0	40	2	AAV81151	Aav81151 Single ch
c1759	9	45.0	40	3	AAA51141	Aaa51141 Oligomer
1760	9	45.0	40	3	AAA51113	Aaa51113 Oligomer
1761	9	45.0	40	3	AAZ95790	Aaz95790 Polynucle
c1762	9	45.0	40	3	AAZ96031	Aaz96031 Polynucle
c1763	9	45.0	40	4	AAD14565	Aad14565 Arabidops
c1764	9	45.0	40	4	AAS03350	Aas03350 A group I
1765	9	45.0	40	4	AAF29794	Aaf29794 Presenili
c1766	9	45.0	40	4	AAS07870	Aas07870 Binding s
c1767	9	45.0	40	5	AAD08938	Aad08938 Arabidops
c1768	9	45.0	40	5	AAS00403	Aas00403 ABRE bind
1769	9	45.0	40	6	AAK99978	Aak99978 Zomomonas
1770	9	45.0	40	6	AAD37079	Aad37079 IdhL DNA
1771	9	45.0	40	6	ABT12123	Abt12123 E coli ex
1772	9	45.0	40	6	ABT12228	Abt12228 E coli ex
1773	9	45.0	40	6	ABT12070	Abt12070 E coli ex
c1774	9	45.0	40	6	ABT12227	Abt12227 E coli ex
1775	9	45.0	40	10	ADD00907	Add00907 P. pyrali
c1776	9	45.0	40	10	ADD00906	Add00906 P. pyrali
1777	9	45.0	40	10	ADF89409	Adf89409 Salmonell
c1778	9	45.0	40	10	ACA63148	Aca63148 Antisense
1779	9	45.0	40	11	ADM86547	Adm86547 ldhL frag
1780	9	45.0	41	2	AAQ44000	Aaq44000 HIV-1 LTR
1781	9	45.0	41	2	AAQ66332	Aaq66332 Primer fo
1782	9	45.0	41	2	AAQ86686	Aaq86686 NF-AT tra
1783	9	45.0	41	2	AAV29590	Aav29590 Ebola vir
1784	9	45.0	41	3	AAA29272	Aaa29272 Human nuc
1785	9	45.0	41	5	AAF31704	Aaf31704 Human NF-
1786	9	45.0	41	6	AAL38078	Aal38078 Eukaryoti
1787	9	45.0	41	6	ABQ78824	Abq78824 Motor neu
1788	9	45.0	41	6	ABQ78823	Abq78823 Motor neu
c1789	9	45.0	41	6	ABL53573	Abl53573 Human cal
c1790	9	45.0	41	6	ABL53574	Abl53574 Human cal
1791	9	45.0	41	6	AAD34030	Aad34030 Human pro
1792	9	45.0	41	6	AAI71444	Aai71444 Human exc
1793	9	45.0	41	6	ABZ47355	Abz47355 Human ATP
1794	9	45.0	41	6	ABZ44561	Abz44561 Human ATP
c1795	9	45.0	41	6	ABZ50813	Abz50813 Human N-a
c1796	9	45.0	41	6	ABZ43776	Abz43776 Human N-a
1797	9	45.0	41	6	ABL53699	Abl53699 Human ubi
1798	9	45.0	41	6	ABL53698	Abl53698 Human ubi
1799	9	45.0	41	6	ABK51449	Abk51449 Pedalcali
c1800	9	45.0	41	8	ABZ25058	Abz25058 Ribosome
c1801	9	45.0	41	8	ABZ25059	Abz25059 Ribosome
c1802	9	45.0	41	8	ABZ70728	Abz70728 Human Bol
1803	9	45.0	41	9	ADA66435	Ada66435 Human NF-
c1804	9	45.0	41	12	ADK17744	Adk17744 Cytochrom
c1805	9	45.0	41	12	ADL64185	Adl64185 Human sin
c1806	9	45.0	41	12	ADL64332	Adl64332 Human sin
c1807	9	45.0	42	2	AAV30723	Aav30723 Telomeras
1808	9	45.0	42	4	AAD14498	Aad14498 Human inh
c1809	9	45.0	42	4	AAS13930	Aas13930 Drosophil
c1810	9	45.0	42	6	AAS95778	Aas95778 Human ade
c1811	9	45.0	42	12	ADO18091	Ado18091 Primer of
c1812	9	45.0	42	12	ADO17983	Ado17983 Primer of
c1813	9	45.0	43	3	AAD00524	Aad00524 Human ade
c1814	9	45.0	43	4	AAS05906	Aas05906 Human ANT
1815	9	45.0	43	5	AAS09540	Aas09540 Antibody
c1816	9	45.0	43	6	AAS95748	Aas95748 Human ade
1817	9	45.0	43	8	ABV76944	Abv76944 PCR prime
1818	9	45.0	43	9	ADA73598	Ada73598 Carcinoma
1819	9	45.0	43	9	ACC84886	Acc84886 S. antibi
1820	9	45.0	43	9	ADA02052	Ada02052 Mouse car
1821	9	45.0	43	10	ADB71791	Adb71791 Mouse car
c1822	9	45.0	43	12	ADI38877	Adi38877 Glucosami
c1823	9	45.0	43	13	ADR10715	Adr10715 Human ade
c1824	9	45.0	43	13	ADT89386	Adt89386 Human ANT
c1825	9	45.0	44	2	AAT99102	Aat99102 WT56 PCR
c1826	9	45.0	44	2	AAT99101	Aat99101 pWT57 PCR
c1827	9	45.0	44	3	AAA87974	Aaa87974 HSV helic
c1828	9	45.0	44	10	ADC77607	Adc77607 A. thalia
1829	9	45.0	44	10	ADD25841	Add25841 Binding d
c1830	9	45.0	44	12	ADP53959	Adp53959 Klebsiell
c1831	9	45.0	45	2	AAQ05937	Aaq05937 Probe to
1832	9	45.0	45	2	AAQ12131	Aaq12131 "Hydropho
c1833	9	45.0	45	2	AAQ40459	Aaq40459 Region ar
c1834	9	45.0	45	2	AAX04173	Aax04173 Mouse mal
c1835	9	45.0	45	4	AAS13928	Aas13928 Drosophil
c1836	9	45.0	45	6	ABQ71087	Abq71087 Listeria
1837	9	45.0	45	10	ADD25736	Add25736 Binding d
1838	9	45.0	45	12	ADQ82736	Adq82736 Recombina
1839	9	45.0	46	2	AAX59756	Aax59756 Primer P1
c1840	9	45.0	46	6	ABN87612	Abn87612 Arabidops
1841	9	45.0	46	12	ADN11715	Adn11715 Cre recom
1842	9	45.0	47	2	AAT34833	Aat34833 Primer us
c1843	9	45.0	47	2	AAZ01029	Aaz01029 Probe for
c1844	9	45.0	47	2	AAZ01106	Aaz01106 Probe for
c1845	9	45.0	47	3	AAZ65726	Aaz65726 Human map

c1846	9	45.0	47	3	AAZ68606	Aaz68606 Human map
1847	9	45.0	47	3	AAA87235	Aaa87235 Rat hepat
c1848	9	45.0	47	6	ABI82377	Abi82377 p53 mutat
1849	9	45.0	47	10	ABZ77308	Abz77308 PCR prime
1850	9	45.0	48	4	AAH23316	Aah23316 GAC-F4-ZI
c1851	9	45.0	48	6	ACN36905	Acn36905 WNV minus
c1852	9	45.0	48	10	AAD64542	Aad64542 Human oes
1853	9	45.0	48	10	ADK11510	Adk11510 RNAi prim
1854	9	45.0	48	11	ADL55072	Adl55072 Human IKK
c1855	9	45.0	48	11	ADL74688	Adl74688 Human PKR
c1856	9	45.0	48	11	ADL76508	Adl76508 Human PTG
1857	9	45.0	49	2	AAT34902	Aat34902 Single st
1858	9	45.0	49	2	AAT34906	Aat34906 Single st
1859	9	45.0	49	2	AAT34905	Aat34905 Single st
1860	9	45.0	49	2	AAT80471	Aat80471 Hepatoma
1861	9	45.0	49	2	AAV73973	Aav73973 Enzymatic
1862	9	45.0	49	2	AAV73977	Aav73977 Enzymatic
1863	9	45.0	49	2	AAV73976	Aav73976 Enzymatic
1864	9	45.0	49	3	AAA92245	Aaa92245 DNA enzym
1865	9	45.0	49	3	AAA92249	Aaa92249 DNA enzym
1866	9	45.0	49	3	AAA92248	Aaa92248 DNA enzym
1867	9	45.0	49	4	AAH23280	Aah23280 3x2F ZGS
1868	9	45.0	49	5	ABA10844	Aba10844 Tail adap
1869	9	45.0	50	2	AAQ69848	Aaq69848 Hepatitis
1870	9	45.0	50	2	AAQ69847	Aaq69847 Hepatitis
1871	9	45.0	50	2	AAQ69833	Aaq69833 Adenoviru
1872	9	45.0	50	2	AAT64310	Aat64310 HBV subty
1873	9	45.0	50	2	AAT64295	Aat64295 Adenoviru
1874	9	45.0	50	2	AAT64309	Aat64309 HBV subty
1875	9	45.0	50	2	AAX17583	Aax17583 Test sequ
1876	9	45.0	50	2	AAX17597	Aax17597 Test sequ
1877	9	45.0	50	2	AAX17598	Aax17598 Test sequ
1878	9	45.0	50	2	AAX52358	Aax52358 Primer 30
1879	9	45.0	50	3	ADC78458	Adc78458 Human PRO
1880	9	45.0	50	4	AAF72516	Aaf72516 Human PRO
c1881	9	45.0	50	4	AAL28228	Aal28228 Human SNP
c1882	9	45.0	50	4	AAL32288	Aal32288 Human SNP
1883	9	45.0	50	4	AAL33767	Aal33767 Human SNP
c1884	9	45.0	50	4	AAL34590	Aal34590 Human SNP
c1885	9	45.0	50	4	AAL34385	Aal34385 Human SNP
1886	9	45.0	50	4	AAL31873	Aal31873 Human SNP
1887	9	45.0	50	4	AAL34138	Aal34138 Human SNP
c1888	9	45.0	50	4	AAL28832	Aal28832 Human SNP
1889	9	45.0	50	4	AAI74275	Aai74275 Human sil
c1890	9	45.0	50	5	ABL00295	Abl00295 Human sil
c1891	9	45.0	50	5	AAF77023	Aaf77023 Part of b
1892	9	45.0	50	5	AAS43504	Aas43504 Corneodes
c1893	9	45.0	50	6	ABN71699	Abn71699 Streptoco
c1894	9	45.0	50	6	ABL51529	Abl51529 Bovine od
1895	9	45.0	50	6	ABK83088	Abk83088 DNA bindi
1896	9	45.0	50	6	ABK83074	Abk83074 DNA bindi
1897	9	45.0	50	6	ABK83089	Abk83089 DNA bindi
c1898	9	45.0	50	6	ABZ03956	Abz03956 Human leu
c1899	9	45.0	50	6	ABZ04407	Abz04407 Human leu
1900	9	45.0	50	6	ABZ06930	Abz06930 Human leu
c1901	9	45.0	50	6	ABZ02953	Abz02953 Human leu
c1902	9	45.0	50	6	ABZ04277	Abz04277 Human leu
c1903	9	45.0	50	6	ABZ06941	Abz06941 Human leu
c1904	9	45.0	50	6	ABZ04189	Abz04189 Human leu
c1905	9	45.0	50	6	ABZ03781	Abz03781 Human leu
1906	9	45.0	50	6	ABZ05765	Abz05765 Human leu
1907	9	45.0	50	6	ABZ02354	Abz02354 Human leu
1908	9	45.0	50	6	ABZ03065	Abz03065 Human leu
1909	9	45.0	50	6	ABZ02439	Abz02439 Human leu
1910	9	45.0	50	6	ABZ05199	Abz05199 Human leu
c1911	9	45.0	50	6	ABZ07477	Abz07477 Human leu
1912	9	45.0	50	6	ABZ00410	Abz00410 Human leu
c1913	9	45.0	50	6	ABZ02333	Abz02333 Human leu
1914	9	45.0	50	6	ABZ02814	Abz02814 Human leu
c1915	9	45.0	50	6	ABZ03005	Abz03005 Human leu
c1916	9	45.0	50	6	ABZ06540	Abz06540 Human leu
1917	9	45.0	50	6	ABZ06551	Abz06551 Human leu
c1918	9	45.0	50	6	ABZ05854	Abz05854 Human leu
1919	9	45.0	50	6	ABZ05130	Abz05130 Human leu
1920	9	45.0	50	6	ABZ06241	Abz06241 Human leu
1921	9	45.0	50	6	ABZ02518	Abz02518 Human leu
1922	9	45.0	50	6	ABZ01648	Abz01648 Human leu
c1923	9	45.0	50	6	ABZ04408	Abz04408 Human leu
1924	9	45.0	50	6	ABZ05650	Abz05650 Human leu
1925	9	45.0	50	6	ABZ00019	Abz00019 Human leu
c1926	9	45.0	50	6	ABZ02492	Abz02492 Human leu
c1927	9	45.0	50	6	ABZ07752	Abz07752 Human leu
1928	9	45.0	50	8	ACA60113	Aca60113 Human sec
1929	9	45.0	50	8	ACD07513	Acd07513 Secreted
1930	9	45.0	50	8	ABX71561	Abx71561 Human sec
1931	9	45.0	50	8	ACH06893	Ach06893 Human sec
1932	9	45.0	50	8	ABX96130	Abx96130 Human sec
1933	9	45.0	50	8	ACA05451	Aca05451 Human sec
1934	9	45.0	50	8	ACD20118	Acd20118 Human sec
1935	9	45.0	50	8	ACA54921	Aca54921 Novel sec
1936	9	45.0	50	9	ACD19756	Acd19756 Human sec
1937	9	45.0	50	9	ADB29343	Adb29343 Human sec
1938	9	45.0	50	9	ADA18199	Ada18199 Human sec
1939	9	45.0	50	9	ACD66903	Acd66903 Human sec
1940	9	45.0	50	9	ACD83064	Acd83064 Human PRO
1941	9	45.0	50	9	ADA16174	Ada16174 Human sec
1942	9	45.0	50	9	ADA42319	Ada42319 Human sec
1943	9	45.0	50	9	ACD23242	Acd23242 Human PRO
1944	9	45.0	50	9	ADA16598	Ada16598 Human sec
1945	9	45.0	50	9	ADA13027	Ada13027 Human sec
1946	9	45.0	50	9	ADA41895	Ada41895 Human sec
1947	9	45.0	50	9	ADA17242	Ada17242 Human sec
1948	9	45.0	50	9	ADA42745	Ada42745 Human sec
1949	9	45.0	50	9	ACD23604	Acd23604 Human PRO
1950	9	45.0	50	10	ADB77664	Adb77664 Human sec
1951	9	45.0	50	10	ADB74800	Adb74800 Human sec
1952	9	45.0	50	10	ADC28446	Adc28446 Human sec
1953	9	45.0	50	10	ADC39646	Adc39646 Human sec
1954	9	45.0	50	10	ADC40160	Adc40160 Human sec
1955	9	45.0	50	10	ADC18988	Adc18988 Human sec
1956	9	45.0	50	10	ADC34284	Adc34284 Human sec
1957	9	45.0	50	10	ADC29339	Adc29339 Human sec
1958	9	45.0	50	10	ADC28870	Adc28870 Human sec
1959	9	45.0	50	10	ADC40755	Adc40755 Human sec
1960	9	45.0	50	10	ADC19412	Adc19412 Human sec
1961	9	45.0	50	10	ADC33860	Adc33860 Human sec
1962	9	45.0	50	10	ADC12930	Adc12930 Human sec
c1963	9	45.0	50	10	ADC17354	Adc17354 Human PCR
1964	9	45.0	50	10	ADC12382	Adc12382 Human sec
1965	9	45.0	50	10	ADD04937	Add04937 Human sec
1966	9	45.0	50	10	ADD03943	Add03943 Human sec
1967	9	45.0	50	10	ADD03519	Add03519 Human sec
1968	9	45.0	50	10	ADE34771	Ade34771 Human sec
c1969	9	45.0	50	10	ADG33657	Adg33657 Human DNA
1970	9	45.0	50	10	ADH59254	Adh59254 Human sec
1971	9	45.0	50	10	ADI38033	Adi38033 Human sec
1972	9	45.0	50	10	ABZ82624	Abz82624 Mouse hor
1973	9	45.0	50	10	ACA59009	Aca59009 Human PRO
1974	9	45.0	50	10	ACA58406	Aca58406 Probe #26
1975	9	45.0	50	10	ADJ26301	Adj26301 Human sec
1976	9	45.0	50	12	ADE79216	Ade79216 Human sec
1977	9	45.0	50	12	ADE79640	Ade79640 Human sec
1978	9	45.0	50	12	ADE73316	Ade73316 Human sec
1979	9	45.0	50	12	ADE73851	Ade73851 Human sec
1980	9	45.0	50	12	ADE80613	Ade80613 Duplex ol
1981	9	45.0	50	12	ADE80628	Ade80628 Duplex ol
1982	9	45.0	50	12	ADE80627	Ade80627 Duplex ol
1983	9	45.0	50	12	ADE99405	Ade99405 Human sec
1984	9	45.0	50	12	ADE98524	Ade98524 Human sec
1985	9	45.0	50	12	ADE98951	Ade98951 Human sec
1986	9	45.0	50	12	ADG40421	Adg40421 Human sec
1987	9	45.0	50	12	ADF73815	Adf73815 Human sec
1988	9	45.0	50	12	ADF73391	Adf73391 Human sec
1989	9	45.0	50	12	ADG92234	Adg92234 Human sec
1990	9	45.0	50	12	ADG92661	Adg92661 Human sec
1991	9	45.0	50	12	ADF93934	Adf93934 Microorga

1992	9	45.0	50	12	ADH20450	Adh20450 Human sec
1993	9	45.0	50	12	ADH07305	Adh07305 Human sec
1994	9	45.0	50	12	ADH59850	Adh59850 Human sec
1995	9	45.0	50	12	ADH06878	Adh06878 Human sec
1996	9	45.0	50	12	ADI18620	Adi18620 Human sec
1997	9	45.0	50	12	ADI37603	Adi37603 Human sec
1998	9	45.0	50	12	ADH97399	Adh97399 Human sec
1999	9	45.0	50	12	ADI65767	Adi65767 Human sec
2000	9	45.0	50	12	ADH60510	Adh60510 Human sec
2001	9	45.0	50	12	ADJ99567	Adj99567 Human sec
2002	9	45.0	50	12	ADL08760	Adl08760 Human sec
2003	9	45.0	50	12	ADM25101	Adm25101 Human sec
2004	9	45.0	50	12	ADM29851	Adm29851 Human sec
2005	9	45.0	50	12	ADO06173	Ado06173 Human PRO
c2006	9	45.0	50	12	ADP10182	Adp10182 50-mer ol
c2007	9	45.0	50	12	ADP12685	Adp12685 50-mer ol
c2008	9	45.0	50	12	ADP10083	Adp10083 50-mer ol
2009	9	45.0	50	12	ADO70097	Ado70097 Post-tran
2010	9	45.0	50	12	ADO70096	Ado70096 Post-tran
2011	9	45.0	50	12	ADR11025	Adr11025 Human sec
2012	9	45.0	50	13	ADR17934	Adr17934 Human sec
2013	9	45.0	50	13	ADT03610	Adt03610 Human sec
2014	9	45.0	50	13	ADS74573	Ads74573 Human sec
2015	9	45.0	51	2	AAQ12133	Aaq12133 "Hydropho
2016	9	45.0	51	2	AAQ73095	Aaq73095 Human met
2017	9	45.0	51	2	AAV76777	Aav76777 Staphyloc
2018	9	45.0	51	2	AAT66399	Aat66399 Human cys
2019	9	45.0	51	2	AAV20620	Aav20620 Bovine me
2020	9	45.0	51	2	AAV69263	Aav69263 NCP parti
2021	9	45.0	51	3	AAZ44113	Aaz44113 Human cys
2022	9	45.0	51	3	AAA76999	Aaa76999 Human clo
c2023	9	45.0	51	3	AAA76461	Aaa76461 Human lon
2024	9	45.0	51	3	AAA77329	Aaa77329 Human clo
c2025	9	45.0	51	3	ADC16996	Adc16996 Human sin
c2026	9	45.0	51	4	AAL28789	Aal28789 Human SNP
c2027	9	45.0	51	4	AAL31031	Aal31031 Human SNP
c2028	9	45.0	51	4	AAL27370	Aal27370 Human SNP
2029	9	45.0	51	4	AAL29140	Aal29140 Human SNP
c2030	9	45.0	51	4	AAL32693	Aal32693 Human SNP
c2031	9	45.0	51	4	AAL33343	Aal33343 Human SNP
c2032	9	45.0	51	4	AAL28227	Aal28227 Human SNP
c2033	9	45.0	51	4	AAL27490	Aal27490 Human SNP
c2034	9	45.0	51	4	AAL27771	Aal27771 Human SNP
c2035	9	45.0	51	4	AAL29523	Aal29523 Human SNP
c2036	9	45.0	51	4	AAL29437	Aal29437 Human SNP
2037	9	45.0	51	4	AAL28534	Aal28534 Human SNP
2038	9	45.0	51	4	AAI74274	Aai74274 Human sil
c2039	9	45.0	51	4	AAI75390	Aai75390 Human sil
2040	9	45.0	51	4	AAI79137	Aai79137 Human sil
2041	9	45.0	51	4	AAI79385	Aai79385 Human sil
c2042	9	45.0	51	4	AAI75388	Aai75388 Human sil
2043	9	45.0	51	4	AAI79384	Aai79384 Human sil
c2044	9	45.0	51	4	AAI75389	Aai75389 Human sil
c2045	9	45.0	51	4	AAI75391	Aai75391 Human sil
c2046	9	45.0	51	4	AAH90334	Aah90334 Human clo
c2047	9	45.0	51	4	AAH79630	Aah79630 Human DNA
c2048	9	45.0	51	4	AAH79998	Aah79998 Human DNA
c2049	9	45.0	51	4	AAH79631	Aah79631 Human DNA
2050	9	45.0	51	5	ABL00624	Abl00624 Human sil
2051	9	45.0	51	5	ABL00623	Abl00623 Human sil
2052	9	45.0	51	6	ABQ79861	Abq79861 Human met
2053	9	45.0	51	8	ABX16315	Abx16315 Human nov
2054	9	45.0	51	10	ADD25728	Add25728 Binding d
2055	9	45.0	51	10	ADF72200	Adf72200 Primer fo
c2056	9	45.0	51	13	ADR72513	Adr72513 Green flu
2057	9	45.0	52	2	AAQ80508	Aaq80508 Mutagenic
2058	9	45.0	52	2	AAQ80509	Aaq80509 Mutagenic
2059	9	45.0	52	2	AAX79624	Aax79624 Capture e
2060	9	45.0	52	2	AAT66398	Aat66398 Human cys
2061	9	45.0	52	2	AAV69262	Aav69262 NCP parti
2062	9	45.0	52	3	AAZ44112	Aaz44112 Human cys
2063	9	45.0	52	3	AAC11031	Aac11031 Human sec
c2064	9	45.0	52	3	AAA87169	Aaa87169 Rat hepat
2065	9	45.0	52	8	ABX16314	Abx16314 Human nov
2066	9	45.0	52	10	ADE25663	Ade25663 Human cDN
c2067	9	45.0	53	2	AAQ33714	Aaq33714 Sequence
c2068	9	45.0	53	3	AAA62661	Aaa62661 Cry2A fam
c2069	9	45.0	53	10	ADD68845	Add68845 CRY2-5 ol
2070	9	45.0	53	13	ADR35817	Adr35817 Human nic
2071	9	45.0	53	13	ADR35816	Adr35816 Human nic
2072	9	45.0	53	13	ADR35818	Adr35818 Human nic
2073	9	45.0	53	13	ADR35821	Adr35821 Human nic
2074	9	45.0	53	13	ADR35822	Adr35822 Human nic
2075	9	45.0	53	13	ADR35820	Adr35820 Human nic
2076	9	45.0	53	13	ADR35819	Adr35819 Human nic
2077	9	45.0	53	13	ADR35840	Adr35840 Human nic
c2078	9	45.0	54	4	AAS08931	Aas08931 Bacillus
2079	9	45.0	54	4	AAH50044	Aah50044 Bacterial
c2080	9	45.0	54	4	AAH50021	Aah50021 Bacterial
c2081	9	45.0	54	6	ABA91298	Aba91298 Thioredox
2082	9	45.0	55	2	AAQ41955	Aaq41955 Ig gamma1
2083	9	45.0	55	3	AAC11311	Aac11311 Human sec
c2084	9	45.0	55	3	AAC70019	Aac70019 VEGF-bind
2085	9	45.0	55	12	ADO70136	Ado70136 Post-tran
2086	9	45.0	56	6	ABS62778	Abs62778 Prostate
c2087	9	45.0	56	9	ADA67751	Ada67751 E. coli a
2088	9	45.0	56	10	ADC60934	Adc60934 NASBA pri
2089	9	45.0	56	12	ADN00088	Adn00088 Human GAT
2090	9	45.0	57	2	AAQ12135	Aaq12135 "Hydropho
c2091	9	45.0	57	2	AAQ12285	Aaq12285 Sequence
c2092	9	45.0	57	2	AAQ12099	Aaq12099 Sequence
2093	9	45.0	57	3	AAZ57636	Aaz57636 Trans-act
2094	9	45.0	57	3	AAZ57638	Aaz57638 Trans-act
2095	9	45.0	57	3	AAZ57637	Aaz57637 Trans-act
2096	9	45.0	57	4	AAF27126	Aaf27126 Human cyc
c2097	9	45.0	57	4	AAH50027	Aah50027 Bacterial
2098	9	45.0	57	6	ABA82879	Aba82879 Human pro
2099	9	45.0	57	6	ABS54697	Abs54697 Human NKX
2100	9	45.0	57	6	ABK60302	Abk60302 Human CLC
c2101	9	45.0	57	6	ABA91288	Aba91288 Human Mag
2102	9	45.0	57	6	ACN23336	Acn23336 WNV Amber
c2103	9	45.0	57	10	ADC51774	Adc51774 PCR prime
2104	9	45.0	57	12	ADJ77015	Adj77015 Notch pep
c2105	9	45.0	58	2	AAQ65621	Aaq65621 C-termina
c2106	9	45.0	58	2	AAV64812	Aav64812 Zona pell
c2107	9	45.0	58	2	AAZ22735	Aaz22735 3' primer
c2108	9	45.0	58	3	AAZ33269	Aaz33269 Recombina
c2109	9	45.0	58	3	AAZ95672	Aaz95672 Porcine Z
c2110	9	45.0	58	3	AAZ38561	Aaz38561 Human CXC
c2111	9	45.0	58	3	AAZ46280	Aaz46280 Porcine Z
c2112	9	45.0	58	3	AAZ37819	Aaz37819 PCR prime
c2113	9	45.0	58	6	ABN87608	Abn87608 Arabidops
c2114	9	45.0	59	3	AAC11017	Aac11017 Human sec
c2115	9	45.0	59	4	AAS13937	Aas13937 Spruce bu
c2116	9	45.0	59	11	ADL96370	Adl96370 Acute mye
2117	9	45.0	60	2	AAT24750	Aat24750 Human gen
c2118	9	45.0	60	2	AAV60515	Aav60515 Cloned Fa
2119	9	45.0	60	2	AAX36601	Aax36601 Mammalian
c2120	9	45.0	60	3	AAZ94223	Aaz94223 PAFP1-Tfe
c2121	9	45.0	60	6	ABN49628	Abn49628 Human spl
2122	9	45.0	60	6	ABN35867	Abn35867 Human spl
2123	9	45.0	60	6	ABN42574	Abn42574 Human spl
c2124	9	45.0	60	6	ABN43475	Abn43475 Human spl
c2125	9	45.0	60	6	ABN33985	Abn33985 Human spl
2126	9	45.0	60	6	ABN35840	Abn35840 Human spl
c2127	9	45.0	60	6	ABN40079	Abn40079 Human spl
c2128	9	45.0	60	6	ABN42758	Abn42758 Human spl
2129	9	45.0	60	6	ABN42843	Abn42843 Human spl
2130	9	45.0	60	6	ABN49373	Abn49373 Human spl
2131	9	45.0	60	6	ABN41322	Abn41322 Human spl
c2132	9	45.0	60	6	ABN58753	Abn58753 Human spl
c2133	9	45.0	60	6	ABN45580	Abn45580 Human spl
2134	9	45.0	60	6	ABN47378	Abn47378 Human spl
2135	9	45.0	60	6	ABN32413	Abn32413 Human spl
c2136	9	45.0	60	6	ABN33593	Abn33593 Human spl
2137	9	45.0	60	6	ABN49878	Abn49878 Human spl

c2138	9	45.0	60	6	ABN37507	Abn37507 Human spl
c2139	9	45.0	60	6	ABN42393	Abn42393 Human spl
2140	9	45.0	60	6	ABN48806	Abn48806 Human spl
c2141	9	45.0	60	6	ABN49667	Abn49667 Human spl
c2142	9	45.0	60	6	ABN41723	Abn41723 Human spl
c2143	9	45.0	60	6	ABN47672	Abn47672 Human spl
c2144	9	45.0	60	6	ABN35845	Abn35845 Human spl
c2145	9	45.0	60	6	ABN41849	Abn41849 Human spl
2146	9	45.0	60	6	ABN44639	Abn44639 Human spl
2147	9	45.0	60	6	ABN33279	Abn33279 Human spl
c2148	9	45.0	60	6	ABN49422	Abn49422 Human spl
c2149	9	45.0	60	6	ABN38994	Abn38994 Human spl
c2150	9	45.0	60	6	ABN44859	Abn44859 Human spl
c2151	9	45.0	60	6	ABN32398	Abn32398 Human spl
2152	9	45.0	60	6	ABN49382	Abn49382 Human spl
c2153	9	45.0	60	6	ABN50531	Abn50531 Human spl
2154	9	45.0	60	6	ABN37357	Abn37357 Human spl
2155	9	45.0	60	6	ABN37550	Abn37550 Human spl
c2156	9	45.0	60	6	ABN41091	Abn41091 Human spl
c2157	9	45.0	60	6	ABN47289	Abn47289 Human spl
2158	9	45.0	60	6	ABN34410	Abn34410 Human spl
2159	9	45.0	60	6	ABN32364	Abn32364 Human spl
2160	9	45.0	60	6	ABN34869	Abn34869 Human spl
2161	9	45.0	60	6	ABN35463	Abn35463 Human spl
2162	9	45.0	60	6	ABN49796	Abn49796 Human spl
c2163	9	45.0	60	6	ABN41492	Abn41492 Human spl
2164	9	45.0	60	6	ABN48275	Abn48275 Human spl
2165	9	45.0	60	6	ABN48289	Abn48289 Human spl
2166	9	45.0	60	6	ABN49175	Abn49175 Human spl
2167	9	45.0	60	6	ABN34451	Abn34451 Human spl
2168	9	45.0	60	6	ABN37309	Abn37309 Human spl
2169	9	45.0	60	6	ABN39546	Abn39546 Human spl
2170	9	45.0	60	6	ABN48922	Abn48922 Human spl
c2171	9	45.0	60	6	ABN38874	Abn38874 Human spl
c2172	9	45.0	60	6	ABN47873	Abn47873 Human spl
2173	9	45.0	60	6	ABN34250	Abn34250 Human spl
2174	9	45.0	60	6	ABN34541	Abn34541 Human spl
2175	9	45.0	60	6	ABN35407	Abn35407 Human spl
2176	9	45.0	60	6	ABN38582	Abn38582 Human spl
c2177	9	45.0	60	6	ABN40508	Abn40508 Human spl
c2178	9	45.0	60	6	ABN44863	Abn44863 Human spl
c2179	9	45.0	60	6	ABN47822	Abn47822 Human spl
2180	9	45.0	60	6	ABN32637	Abn32637 Human spl
c2181	9	45.0	60	6	ABN33933	Abn33933 Human spl
2182	9	45.0	60	6	ABN35572	Abn35572 Human spl
c2183	9	45.0	60	6	ABN45383	Abn45383 Human spl
2184	9	45.0	60	6	ABN59251	Abn59251 Human spl
2185	9	45.0	60	6	ABN39812	Abn39812 Human spl
2186	9	45.0	60	6	ABN43711	Abn43711 Human spl
c2187	9	45.0	60	6	ABN46159	Abn46159 Human spl
c2188	9	45.0	60	6	ABN32719	Abn32719 Human spl
2189	9	45.0	60	6	ABN33658	Abn33658 Human spl
c2190	9	45.0	60	6	ABN33896	Abn33896 Human spl
c2191	9	45.0	60	6	ABN36429	Abn36429 Human spl
c2192	9	45.0	60	6	ABN45663	Abn45663 Human spl
2193	9	45.0	60	6	ABN46171	Abn46171 Human spl
2194	9	45.0	60	8	ACF19131	Acf19131 Tumour ce
2195	9	45.0	60	8	ABZ70538	Abz70538 ADAM-9 ol
2196	9	45.0	60	10	ADC84954	Adc84954 MCF-7 bre
2197	9	45.0	60	10	ACD07795	Acd07795 Cholester
2198	9	45.0	60	11	ADR69896	Adr69896 Synthetic
c2199	9	45.0	60	11	ADR69886	Adr69886 Synthetic
c2200	9	45.0	60	12	ADH08269	Adh08269 Probe GRE
c2201	9	45.0	60	12	ADH08221	Adh08221 Probe GRE
c2202	9	45.0	60	12	ADM87964	Adm87964 Gene expr
c2203	9	45.0	60	12	ADM87949	Adm87949 Gene expr
c2204	9	45.0	60	12	ADM87874	Adm87874 Gene expr
c2205	9	45.0	60	12	ADP43157	Adp43157 HNPCC mic
c2206	9	45.0	60	13	ADS52849	Ads52849 Eucalyptu
c2207	9	45.0	60	13	ADS53243	Ads53243 Eucalyptu
2208	9	45.0	60	13	ADS53033	Ads53033 Eucalyptu
c2209	9	45.0	60	13	ADS52877	Ads52877 Eucalyptu
2210	9	45.0	60	13	ADS52678	Ads52678 Eucalyptu
2211	9	45.0	60	13	ADS52791	Ads52791 Eucalyptu
2212	9	45.0	60	13	ADS52744	Ads52744 Eucalyptu
c2213	8	40.0	10	2	AAQ96597	Aaq96597 HIV-1 NL4
c2214	8	40.0	10	2	AAQ96594	Aaq96594 HIV-1 NL4
c2215	8	40.0	10	3	AAZ77796	Aaz77796 Human den
2216	8	40.0	10	3	AAZ79410	Aaz79410 Human den
c2217	8	40.0	10	3	AAZ82723	Aaz82723 Metastati
c2218	8	40.0	10	3	AAZ85467	Aaz85467 Metastati
c2219	8	40.0	10	3	AAZ85744	Aaz85744 Metastati
2220	8	40.0	10	3	AAZ82996	Aaz82996 Metastati
c2221	8	40.0	10	3	AAZ86180	Aaz86180 Metastati
c2222	8	40.0	10	3	AAC74204	Aac74204 Human mon
2223	8	40.0	10	3	AAZ60746	Aaz60746 5' PCR pr
c2224	8	40.0	10	3	AAA74490	Aaa74490 Soybean F
c2225	8	40.0	10	4	AAS57305	Aas57305 Human CHR
2226	8	40.0	10	5	AAF37086	Aaf37086 Yeast NOR
c2227	8	40.0	10	5	AAF39522	Aaf39522 Yeast NOR
c2228	8	40.0	10	5	AAF42137	Aaf42137 Yeast NOR
c2229	8	40.0	10	5	AAF41385	Aaf41385 Yeast NOR
c2230	8	40.0	10	5	AAF41346	Aaf41346 Yeast NOR
2231	8	40.0	10	5	AAF43147	Aaf43147 Yeast NOR
c2232	8	40.0	10	6	ABL99023	Abl99023 Mouse neu
c2233	8	40.0	10	6	ABK81447	Abk81447 SCYA20 pr
c2234	8	40.0	10	6	ABS51931	Abs51931 Human FMO
c2235	8	40.0	10	6	ABQ71479	Abq71479 Zinc fing
c2236	8	40.0	10	6	ABQ71480	Abq71480 Zinc fing
c2237	8	40.0	10	6	ABQ72345	Abq72345 Human CYP
c2238	8	40.0	10	9	ADA62627	Ada62627 Zinc fing
c2239	8	40.0	10	9	ADA62628	Ada62628 Zinc fing
2240	8	40.0	10	10	ADG89976	Adg89976 Human TNF
c2241	8	40.0	10	10	ADM20831	Adm20831 Synthetic
c2242	8	40.0	10	10	ADM20832	Adm20832 Synthetic
c2243	8	40.0	10	12	ADH57765	Adh57765 Extendabl
2244	8	40.0	10	13	ADR16068	Adr16068 Loquat cr
c2245	8	40.0	11	6	ABV65831	Abv65831 Human ski
c2246	8	40.0	11	6	ABV67130	Abv67130 Human ski
c2247	8	40.0	11	6	ABV62764	Abv62764 Human ski
c2248	8	40.0	11	6	ABV70185	Abv70185 Human ski
2249	8	40.0	11	6	ABV67872	Abv67872 Human ski
c2250	8	40.0	11	6	ABV68751	Abv68751 Human ski
2251	8	40.0	11	6	ABV66265	Abv66265 Human ski
c2252	8	40.0	11	6	AAD34268	Aad34268 Human CYP
c2253	8	40.0	11	12	ADF67935	Adf67935 Human APC
c2254	8	40.0	11	12	ADK51810	Adk51810 Novel ant
c2255	8	40.0	11	12	ADK51928	Adk51928 Novel ant
c2256	8	40.0	11	12	ADK51908	Adk51908 Novel ant
c2257	8	40.0	11	12	ADK51794	Adk51794 Novel ant
c2258	8	40.0	11	12	ADK51804	Adk51804 Novel ant
c2259	8	40.0	11	12	ADK51922	Adk51922 Novel ant
2260	8	40.0	11	12	ADQ30359	Adq30359 Human VR1
c2261	8	40.0	11	12	ADQ35262	Adq35262 Human hai
c2262	8	40.0	11	12	ADQ35258	Adq35258 Human hai
2263	8	40.0	11	12	ADQ33501	Adq33501 Human fac
c2264	8	40.0	11	12	ADQ33979	Adq33979 Human fac
c2265	8	40.0	11	12	ADQ34474	Adq34474 Human fac
c2266	8	40.0	12	4	AAF74738	Aaf74738 Human smo
c2267	8	40.0	12	4	AAS01813	Aas01813 Human smo
2268	8	40.0	12	5	ABH74074	Abh74074 Oligonucl
c2269	8	40.0	12	5	ABH73451	Abh73451 Oligonucl
2270	8	40.0	12	5	ABI26726	Abi26726 Oligonucl
2271	8	40.0	12	5	ABH77719	Abh77719 Oligonucl
2272	8	40.0	12	5	ABH91411	Abh91411 Oligonucl
c2273	8	40.0	12	5	ABI73215	Abi73215 Oligonucl
c2274	8	40.0	12	5	ABI79020	Abi79020 Oligonucl
c2275	8	40.0	12	5	ABH93637	Abh93637 Oligonucl
2276	8	40.0	12	5	ABI26643	Abi26643 Oligonucl
c2277	8	40.0	12	5	ABI29411	Abi29411 Oligonucl
c2278	8	40.0	12	5	ABI45655	Abi45655 Oligonucl
c2279	8	40.0	12	5	ABI76122	Abi76122 Oligonucl
2280	8	40.0	12	5	ABI02136	Abi02136 Oligonucl
c2281	8	40.0	12	5	ABI27334	Abi27334 Oligonucl
2282	8	40.0	12	5	ABH77312	Abh77312 Oligonucl
2283	8	40.0	12	5	ABH82790	Abh82790 Oligonucl

c2284	8	40.0	12	5	ABI40743	Abi40743 Oligonucl
2285	8	40.0	12	5	ABI41425	Abi41425 Oligonucl
c2286	8	40.0	12	5	ABI67532	Abi67532 Oligonucl
2287	8	40.0	12	5	ABI73821	Abi73821 Oligonucl
c2288	8	40.0	12	5	ABI23317	Abi23317 Oligonucl
2289	8	40.0	12	5	ABI01894	Abi01894 Oligonucl
c2290	8	40.0	12	5	ABH87536	Abh87536 Oligonucl
2291	8	40.0	12	5	ABI43158	Abi43158 Oligonucl
c2292	8	40.0	12	5	ABI46816	Abi46816 Oligonucl
c2293	8	40.0	12	5	ABI58100	Abi58100 Oligonucl
c2294	8	40.0	12	5	ABI60447	Abi60447 Oligonucl
c2295	8	40.0	12	5	ABI06611	Abi06611 Oligonucl
2296	8	40.0	12	5	ABH83975	Abh83975 Oligonucl
2297	8	40.0	12	5	ABI74069	Abi74069 Oligonucl
c2298	8	40.0	12	5	ABH97813	Abh97813 Oligonucl
2299	8	40.0	12	5	ABI27074	Abi27074 Oligonucl
c2300	8	40.0	12	5	ABI31213	Abi31213 Oligonucl
2301	8	40.0	12	5	ABI06477	Abi06477 Oligonucl
2302	8	40.0	12	5	ABI15260	Abi15260 Oligonucl
c2303	8	40.0	12	5	ABI52832	Abi52832 Oligonucl
c2304	8	40.0	12	5	ABI27335	Abi27335 Oligonucl
c2305	8	40.0	12	5	ABI07164	Abi07164 Oligonucl
c2306	8	40.0	12	5	ABI07165	Abi07165 Oligonucl
2307	8	40.0	12	5	ABH82621	Abh82621 Oligonucl
2308	8	40.0	12	5	ABI72787	Abi72787 Oligonucl
c2309	8	40.0	12	5	ABI73762	Abi73762 Oligonucl
2310	8	40.0	12	5	ABI20583	Abi20583 Oligonucl
2311	8	40.0	12	5	ABI05466	Abi05466 Oligonucl
2312	8	40.0	12	5	ABI70278	Abi70278 Oligonucl
2313	8	40.0	12	5	ABI17870	Abi17870 Oligonucl
c2314	8	40.0	12	5	ABH97951	Abh97951 Oligonucl
c2315	8	40.0	12	5	ABI02327	Abi02327 Oligonucl
2316	8	40.0	12	5	ABI41276	Abi41276 Oligonucl
2317	8	40.0	12	5	ABI21907	Abi21907 Oligonucl
2318	8	40.0	12	5	ABI04680	Abi04680 Oligonucl
c2319	8	40.0	12	5	ABI67264	Abi67264 Oligonucl
c2320	8	40.0	12	5	ABH76327	Abh76327 Oligonucl
c2321	8	40.0	12	5	ABI58592	Abi58592 Oligonucl
c2322	8	40.0	12	5	ABH83045	Abh83045 Oligonucl
c2323	8	40.0	12	5	ABI39815	Abi39815 Oligonucl
2324	8	40.0	12	5	ABI41066	Abi41066 Oligonucl
2325	8	40.0	12	5	ABI50801	Abi50801 Oligonucl
2326	8	40.0	12	5	ABI55454	Abi55454 Oligonucl
2327	8	40.0	12	5	ABI19798	Abi19798 Oligonucl
c2328	8	40.0	12	5	ABI22316	Abi22316 Oligonucl
2329	8	40.0	12	5	ABH74073	Abh74073 Oligonucl
2330	8	40.0	12	5	ABI57019	Abi57019 Oligonucl
c2331	8	40.0	12	5	ABH98343	Abh98343 Oligonucl
c2332	8	40.0	12	5	ABH76139	Abh76139 Oligonucl
c2333	8	40.0	12	5	ABI26645	Abi26645 Oligonucl
c2334	8	40.0	12	5	ABI27858	Abi27858 Oligonucl
c2335	8	40.0	12	5	ABH86959	Abh86959 Oligonucl
c2336	8	40.0	12	5	ABI64305	Abi64305 Oligonucl
2337	8	40.0	12	5	ABI19349	Abi19349 Oligonucl
c2338	8	40.0	12	5	ABI08567	Abi08567 Oligonucl
2339	8	40.0	12	5	ABI37698	Abi37698 Oligonucl
c2340	8	40.0	12	5	AAF55185	Aaf55185 Splice do
c2341	8	40.0	12	12	ADM76081	Adm76081 NEPHA gen
c2342	8	40.0	13	5	ABC28438	Abc28438 Oligonucl
2343	8	40.0	13	5	ABC08731	Abc08731 Oligonucl
2344	8	40.0	13	5	ABC83234	Abc83234 Oligonucl
2345	8	40.0	13	5	ABF09772	Abf09772 Oligonucl
2346	8	40.0	13	5	ABF13269	Abf13269 Oligonucl
c2347	8	40.0	13	5	ABF19169	Abf19169 Oligonucl
c2348	8	40.0	13	5	ABF31790	Abf31790 Oligonucl
c2349	8	40.0	13	5	ABF33608	Abf33608 Oligonucl
c2350	8	40.0	13	5	ABF38402	Abf38402 Oligonucl
c2351	8	40.0	13	5	ABF46128	Abf46128 Oligonucl
2352	8	40.0	13	5	ABH22993	Abh22993 Oligonucl
2353	8	40.0	13	5	ABF49885	Abf49885 Oligonucl
2354	8	40.0	13	5	ABF75667	Abf75667 Oligonucl
c2355	8	40.0	13	5	ABF78192	Abf78192 Oligonucl
c2356	8	40.0	13	5	ABF55561	Abf55561 Oligonucl
c2357	8	40.0	13	5	ABH30906	Abh30906 Oligonucl
2358	8	40.0	13	5	ABH30907	Abh30907 Oligonucl
2359	8	40.0	13	5	ABH32686	Abh32686 Oligonucl
2360	8	40.0	13	5	ABF83062	Abf83062 Oligonucl
2361	8	40.0	13	5	ABH35098	Abh35098 Oligonucl
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2363	8	40.0	13	5	ABF63467	Abf63467 Oligonucl
c2364	8	40.0	13	5	ABF89525	Abf89525 Oligonucl
2365	8	40.0	13	5	ABH44691	Abh44691 Oligonucl
2366	8	40.0	13	5	ABC96937	Abc96937 Oligonucl
2367	8	40.0	13	5	ABF01302	Abf01302 Oligonucl
2368	8	40.0	13	5	ABF04345	Abf04345 Oligonucl
2369	8	40.0	13	5	ABH48102	Abh48102 Oligonucl
c2370	8	40.0	13	5	ABH58100	Abh58100 Oligonucl
c2371	8	40.0	13	5	ABH66906	Abh66906 Oligonucl
c2372	8	40.0	13	5	ABC96936	Abc96936 Oligonucl
c2373	8	40.0	13	5	ABC24818	Abc24818 Oligonucl
2374	8	40.0	13	5	ABC24819	Abc24819 Oligonucl
2375	8	40.0	13	5	ABC52649	Abc52649 Oligonucl
2376	8	40.0	13	5	ABC28439	Abc28439 Oligonucl
2377	8	40.0	13	5	ABC81899	Abc81899 Oligonucl
c2378	8	40.0	13	5	ABC08730	Abc08730 Oligonucl
c2379	8	40.0	13	5	ABC83235	Abc83235 Oligonucl
2380	8	40.0	13	5	ABC58350	Abc58350 Oligonucl
c2381	8	40.0	13	5	ABC65536	Abc65536 Oligonucl
2382	8	40.0	13	5	ABC65537	Abc65537 Oligonucl
c2383	8	40.0	13	5	ABC65984	Abc65984 Oligonucl
c2384	8	40.0	13	5	ABC92186	Abc92186 Oligonucl
2385	8	40.0	13	5	ABF35710	Abf35710 Oligonucl
2386	8	40.0	13	5	ABH22927	Abh22927 Oligonucl
c2387	8	40.0	13	5	ABF51782	Abf51782 Oligonucl
c2388	8	40.0	13	5	ABH27700	Abh27700 Oligonucl
2389	8	40.0	13	5	ABH02923	Abh02923 Oligonucl
c2390	8	40.0	13	5	ABC76566	Abc76566 Oligonucl
2391	8	40.0	13	5	ABC51763	Abc51763 Oligonucl
2392	8	40.0	13	5	ABC36502	Abc36502 Oligonucl
c2393	8	40.0	13	5	ABF13268	Abf13268 Oligonucl
c2394	8	40.0	13	5	ABC14106	Abc14106 Oligonucl
c2395	8	40.0	13	5	ABF24992	Abf24992 Oligonucl
2396	8	40.0	13	5	ABF24993	Abf24993 Oligonucl
2397	8	40.0	13	5	ABF27319	Abf27319 Oligonucl
c2398	8	40.0	13	5	ABF35566	Abf35566 Oligonucl
c2399	8	40.0	13	5	ABF35711	Abf35711 Oligonucl
c2400	8	40.0	13	5	ABH22926	Abh22926 Oligonucl
2401	8	40.0	13	5	ABF99087	Abf99087 Oligonucl
c2402	8	40.0	13	5	ABF62876	Abf62876 Oligonucl
c2403	8	40.0	13	5	ABF63466	Abf63466 Oligonucl
c2404	8	40.0	13	5	ABC29162	Abc29162 Oligonucl
2405	8	40.0	13	5	ABC81891	Abc81891 Oligonucl
c2406	8	40.0	13	5	ABF08991	Abf08991 Oligonucl
c2407	8	40.0	13	5	ABC35424	Abc35424 Oligonucl
c2408	8	40.0	13	5	ABC11822	Abc11822 Oligonucl
c2409	8	40.0	13	5	ABC14104	Abc14104 Oligonucl
2410	8	40.0	13	5	ABF18981	Abf18981 Oligonucl
2411	8	40.0	13	5	ABF19921	Abf19921 Oligonucl
c2412	8	40.0	13	5	ABF38141	Abf38141 Oligonucl
c2413	8	40.0	13	5	ABF75666	Abf75666 Oligonucl
c2414	8	40.0	13	5	ABF75780	Abf75780 Oligonucl
c2415	8	40.0	13	5	ABH27180	Abh27180 Oligonucl
c2416	8	40.0	13	5	ABF84152	Abf84152 Oligonucl
c2417	8	40.0	13	5	ABH15078	Abh15078 Oligonucl
2418	8	40.0	13	5	ABF90975	Abf90975 Oligonucl
2419	8	40.0	13	5	ABF66717	Abf66717 Oligonucl
2420	8	40.0	13	5	ABH47745	Abh47745 Oligonucl
2421	8	40.0	13	5	ABF02551	Abf02551 Oligonucl
c2422	8	40.0	13	5	ABC52648	Abc52648 Oligonucl
c2423	8	40.0	13	5	ABC84688	Abc84688 Oligonucl
c2424	8	40.0	13	5	ABF09773	Abf09773 Oligonucl
c2425	8	40.0	13	5	ABC87828	Abc87828 Oligonucl
c2426	8	40.0	13	5	ABC62660	Abc62660 Oligonucl
2427	8	40.0	13	5	ABF33609	Abf33609 Oligonucl
2428	8	40.0	13	5	ABH19355	Abh19355 Oligonucl
2429	8	40.0	13	5	ABF46129	Abf46129 Oligonucl

c2430	8	40.0	13	5	ABH22992	Abh22992	Oligonucl	c2503	8	40.0	13	5	ABF88835	Abf88835	Oligonucl
c2431	8	40.0	13	5	ABH23144	Abh23144	Oligonucl	2504	8	40.0	13	5	ABC99749	Abc99749	Oligonucl
2432	8	40.0	13	5	ABH01641	Abh01641	Oligonucl	2505	8	40.0	13	5	ABF05504	Abf05504	Oligonucl
c2433	8	40.0	13	5	ABH04014	Abh04014	Oligonucl	c2506	8	40.0	13	5	ABC81890	Abc81890	Oligonucl
c2434	8	40.0	13	5	ABH50611	Abh50611	Oligonucl	c2507	8	40.0	13	5	ABC58351	Abc58351	Oligonucl
2435	8	40.0	13	5	ABC76567	Abc76567	Oligonucl	c2508	8	40.0	13	5	ABF19920	Abf19920	Oligonucl
c2436	8	40.0	13	5	ABF02550	Abf02550	Oligonucl	c2509	8	40.0	13	5	ABF20964	Abf20964	Oligonucl
c2437	8	40.0	13	5	ABC84270	Abc84270	Oligonucl	2510	8	40.0	13	5	ABF35567	Abf35567	Oligonucl
c2438	8	40.0	13	5	ABC60968	Abc60968	Oligonucl	2511	8	40.0	13	5	ABH23145	Abh23145	Oligonucl
c2439	8	40.0	13	5	ABC36966	Abc36966	Oligonucl	c2512	8	40.0	13	5	ABF51110	Abf51110	Oligonucl
2440	8	40.0	13	5	ABC36967	Abc36967	Oligonucl	c2513	8	40.0	13	5	ABH01640	Abh01640	Oligonucl
2441	8	40.0	13	5	ABC14107	Abc14107	Oligonucl	2514	8	40.0	13	5	ABH27181	Abh27181	Oligonucl
c2442	8	40.0	13	5	ABF27318	Abf27318	Oligonucl	2515	8	40.0	13	5	ABF80489	Abf80489	Oligonucl
2443	8	40.0	13	5	ABF75781	Abf75781	Oligonucl	c2516	8	40.0	13	5	ABF83063	Abf83063	Oligonucl
c2444	8	40.0	13	5	ABH02922	Abh02922	Oligonucl	c2517	8	40.0	13	5	ABH17222	Abh17222	Oligonucl
2445	8	40.0	13	5	ABH43773	Abh43773	Oligonucl	2518	8	40.0	13	5	ABH17223	Abh17223	Oligonucl
2446	8	40.0	13	5	ABH62541	Abh62541	Oligonucl	2519	8	40.0	13	5	ABH46545	Abh46545	Oligonucl
c2447	8	40.0	13	5	ABH63896	Abh63896	Oligonucl	c2520	8	40.0	13	5	ABH62540	Abh62540	Oligonucl
2448	8	40.0	13	5	ABC74233	Abc74233	Oligonucl	2521	8	40.0	13	5	ABC17303	Abc17303	Oligonucl
2449	8	40.0	13	5	ABC35425	Abc35425	Oligonucl	c2522	8	40.0	13	5	ABC99748	Abc99748	Oligonucl
2450	8	40.0	13	5	ABC60969	Abc60969	Oligonucl	c2523	8	40.0	13	5	ABC02240	Abc02240	Oligonucl
2451	8	40.0	13	5	ABC87829	Abc87829	Oligonucl	c2524	8	40.0	13	5	ABC51762	Abc51762	Oligonucl
2452	8	40.0	13	5	ABF32523	Abf32523	Oligonucl	2525	8	40.0	13	5	ABC52727	Abc52727	Oligonucl
c2453	8	40.0	13	5	ABF73440	Abf73440	Oligonucl	2526	8	40.0	13	5	ABC14105	Abc14105	Oligonucl
2454	8	40.0	13	5	ABH04309	Abh04309	Oligonucl	2527	8	40.0	13	5	ABC65985	Abc65985	Oligonucl
2455	8	40.0	13	5	ABH29768	Abh29768	Oligonucl	c2528	8	40.0	13	5	ABF25874	Abf25874	Oligonucl
c2456	8	40.0	13	5	ABH12550	Abh12550	Oligonucl	c2529	8	40.0	13	5	ABF32522	Abf32522	Oligonucl
c2457	8	40.0	13	5	ABH43772	Abh43772	Oligonucl	2530	8	40.0	13	5	ABF38140	Abf38140	Oligonucl
2458	8	40.0	13	5	ABC20120	Abc20120	Oligonucl	c2531	8	40.0	13	5	ABF99086	Abf99086	Oligonucl
c2459	8	40.0	13	5	ABC48668	Abc48668	Oligonucl	2532	8	40.0	13	5	ABH27701	Abh27701	Oligonucl
2460	8	40.0	13	5	ABC02241	Abc02241	Oligonucl	2533	8	40.0	13	5	ABF55560	Abf55560	Oligonucl
2461	8	40.0	13	5	ABC29163	Abc29163	Oligonucl	2534	8	40.0	13	5	ABH12551	Abh12551	Oligonucl
c2462	8	40.0	13	5	ABC81898	Abc81898	Oligonucl	c2535	8	40.0	13	5	ABF63086	Abf63086	Oligonucl
2463	8	40.0	13	5	ABC84271	Abc84271	Oligonucl	2536	8	40.0	13	5	ABF88834	Abf88834	Oligonucl
c2464	8	40.0	13	5	ABC16398	Abc16398	Oligonucl	2537	8	40.0	13	5	ABF89524	Abf89524	Oligonucl
2465	8	40.0	13	5	ABF19168	Abf19168	Oligonucl	c2538	8	40.0	13	5	ABH46544	Abh46544	Oligonucl
2466	8	40.0	13	5	ABF25875	Abf25875	Oligonucl	c2539	8	40.0	13	5	ABH48103	Abh48103	Oligonucl
2467	8	40.0	13	5	ABF31791	Abf31791	Oligonucl	2540	8	40.0	13	5	ABH58101	Abh58101	Oligonucl
c2468	8	40.0	13	5	ABF40476	Abf40476	Oligonucl	2541	8	40.0	13	5	ABH66907	Abh66907	Oligonucl
2469	8	40.0	13	5	ABF69402	Abf69402	Oligonucl	2542	8	40.0	13	5	ABC11823	Abc11823	Oligonucl
c2470	8	40.0	13	5	ABH29769	Abh29769	Oligonucl	2543	8	40.0	13	5	ABC62661	Abc62661	Oligonucl
c2471	8	40.0	13	5	ABF90974	Abf90974	Oligonucl	c2544	8	40.0	13	5	ABF18980	Abf18980	Oligonucl
c2472	8	40.0	13	5	ABH55521	Abh55521	Oligonucl	c2545	8	40.0	13	5	ABH04308	Abh04308	Oligonucl
2473	8	40.0	13	5	ABC48669	Abc48669	Oligonucl	c2546	8	40.0	13	5	ABH47744	Abh47744	Oligonucl
c2474	8	40.0	13	5	ABF01303	Abf01303	Oligonucl	2547	8	40.0	13	5	ABH55520	Abh55520	Oligonucl
2475	8	40.0	13	5	ABC04742	Abc04742	Oligonucl	c2548	8	40.0	13	5	ABC20121	Abc20121	Oligonucl
c2476	8	40.0	13	5	ABF05505	Abf05505	Oligonucl	c2549	8	40.0	13	5	ABC74232	Abc74232	Oligonucl
2477	8	40.0	13	5	ABF12581	Abf12581	Oligonucl	2550	8	40.0	13	5	ABC84689	Abc84689	Oligonucl
2478	8	40.0	13	5	ABC89430	Abc89430	Oligonucl	c2551	8	40.0	13	5	ABC89431	Abc89431	Oligonucl
2479	8	40.0	13	5	ABF94500	Abf94500	Oligonucl	2552	8	40.0	13	5	ABF38403	Abf38403	Oligonucl
c2480	8	40.0	13	5	ABF94501	Abf94501	Oligonucl	c2553	8	40.0	13	5	ABH19354	Abh19354	Oligonucl
2481	8	40.0	13	5	ABF73441	Abf73441	Oligonucl	c2554	8	40.0	13	5	ABF69403	Abf69403	Oligonucl
2482	8	40.0	13	5	ABF51783	Abf51783	Oligonucl	c2555	8	40.0	13	5	ABF49884	Abf49884	Oligonucl
c2483	8	40.0	13	5	ABF80488	Abf80488	Oligonucl	2556	8	40.0	13	5	ABF78193	Abf78193	Oligonucl
c2484	8	40.0	13	5	ABH44690	Abh44690	Oligonucl	2557	8	40.0	13	5	ABH04015	Abh04015	Oligonucl
c2485	8	40.0	13	5	ABC17302	Abc17302	Oligonucl	c2558	8	40.0	13	5	ABH32687	Abh32687	Oligonucl
c2486	8	40.0	13	5	ABC52726	Abc52726	Oligonucl	c2559	8	40.0	13	5	ABH35099	Abh35099	Oligonucl
c2487	8	40.0	13	5	ABC04743	Abc04743	Oligonucl	c2560	8	40.0	13	5	ABF66716	Abf66716	Oligonucl
2488	8	40.0	13	5	ABF08990	Abf08990	Oligonucl	2561	8	40.0	13	5	ABH63897	Abh63897	Oligonucl
2489	8	40.0	13	5	ABC16399	Abc16399	Oligonucl	c2562	8	40.0	14	1	AAN40264	Aan40264	Sequence
2490	8	40.0	13	5	ABC92187	Abc92187	Oligonucl	c2563	8	40.0	14	1	AAQ01461	Aaq01461	Synthetic
2491	8	40.0	13	5	ABF20965	Abf20965	Oligonucl	c2564	8	40.0	14	2	AAX14948	Aax14948	Triple he
2492	8	40.0	13	5	ABF51111	Abf51111	Oligonucl	c2565	8	40.0	14	3	AAA08765	Aaa08765	Preferred
2493	8	40.0	13	5	ABF84153	Abf84153	Oligonucl	c2566	8	40.0	14	3	AAC68347	Aac68347	Human IRR
2494	8	40.0	13	5	ABF63087	Abf63087	Oligonucl	c2567	8	40.0	14	6	ABL31284	Abl31284	Human HLA
2495	8	40.0	13	5	ABF63463	Abf63463	Oligonucl	2568	8	40.0	14	12	ADL22789	Adl22789	Rice RAFT
2496	8	40.0	13	5	ABH15079	Abh15079	Oligonucl	c2569	8	40.0	15	2	AAQ52951	Aaq52951	Herpes si
2497	8	40.0	13	5	ABH50610	Abh50610	Oligonucl	c2570	8	40.0	15	2	AAQ68250	Aaq68250	Triple he
c2498	8	40.0	13	5	ABF04344	Abf04344	Oligonucl	c2571	8	40.0	15	2	AAQ67438	Aaq67438	Oligo whi
c2499	8	40.0	13	5	ABC36503	Abc36503	Oligonucl	c2572	8	40.0	15	2	AAQ81725	Aaq81725	Antisense
c2500	8	40.0	13	5	ABF12580	Abf12580	Oligonucl	c2573	8	40.0	15	2	AAT55067	Aat55067	Human rel
2501	8	40.0	13	5	ABF40477	Abf40477	Oligonucl	2574	8	40.0	15	2	AAT55129	Aat55129	Human rel
2502	8	40.0	13	5	ABF62877	Abf62877	Oligonucl	2575	8	40.0	15	2	AAT52253	Aat52253	Mouse ICA

2576	8	40.0	15	2	AAT52355	Aat52355 Mouse ICA
2577	8	40.0	15	2	AAT54850	Aat54850 Mouse rel
c2578	8	40.0	15	2	AAT55069	Aat55069 Human rel
c2579	8	40.0	15	2	AAT51858	Aat51858 Human ICA
2580	8	40.0	15	2	AAT51874	Aat51874 Human ICA
c2581	8	40.0	15	2	AAT55071	Aat55071 Human rel
2582	8	40.0	15	2	AAT55127	Aat55127 Human rel
c2583	8	40.0	15	2	AAT18271	Aat18271 Hepatitis
2584	8	40.0	15	2	AAV27225	Aav27225 Primer pr
c2585	8	40.0	15	2	AAX16700	Aax16700 Human and
2586	8	40.0	15	2	AAX16696	Aax16696 Human and
2587	8	40.0	15	2	AAX32387	Aax32387 Ab1 varia
c2588	8	40.0	15	2	AAX57809	Aax57809 PCR prime
2589	8	40.0	15	2	AAX57827	Aax57827 PCR prime
2590	8	40.0	15	3	AAZ63860	Aaz63860 Substrate
2591	8	40.0	15	3	AAZ64114	Aaz64114 Substrate
2592	8	40.0	15	3	AAZ64115	Aaz64115 Substrate
2593	8	40.0	15	3	AAZ62528	Aaz62528 Substrate
c2594	8	40.0	15	3	AAZ37149	Aaz37149 Probe 7 u
c2595	8	40.0	15	3	AAC68373	Aac68373 Human IRR
c2596	8	40.0	15	4	AAH78558	Aah78558 Probe use
2597	8	40.0	15	4	AAH43174	Aah43174 Primer pr
2598	8	40.0	15	4	ABA02589	Aba02589 HBV targe
c2599	8	40.0	15	4	AAF52666	Aaf52666 IGF-I oli
c2600	8	40.0	15	4	AAF52668	Aaf52668 IGF-I oli
c2601	8	40.0	15	4	AAF52670	Aaf52670 IGF-I oli
c2602	8	40.0	15	4	AAF52673	Aaf52673 IGF-I oli
c2603	8	40.0	15	4	AAF52669	Aaf52669 IGF-I oli
c2604	8	40.0	15	4	AAF52672	Aaf52672 IGF-I oli
c2605	8	40.0	15	4	AAF52739	Aaf52739 IGF-I oli
c2606	8	40.0	15	4	AAF52671	Aaf52671 IGF-I oli
c2607	8	40.0	15	4	AAF52747	Aaf52747 IGF-I oli
c2608	8	40.0	15	4	AAF52667	Aaf52667 IGF-I oli
c2609	8	40.0	15	5	AAI65924	Aai65924 Antisense
c2610	8	40.0	15	6	AAD25291	Aad25291 Human HSD
2611	8	40.0	15	6	AAL45303	Aal45303 Human KCN
c2612	8	40.0	15	6	ABK95799	Abk95799 Solute Ca
c2613	8	40.0	15	6	ABK81429	Abk81429 SCYA20 al
c2614	8	40.0	15	6	ABS51883	Abs51883 Human FMO
c2615	8	40.0	15	6	ABN81423	Abn81423 Human HTA
2616	8	40.0	15	6	AAD26143	Aad26143 Human end
c2617	8	40.0	15	6	ABQ72287	Abq72287 Human CYP
c2618	8	40.0	15	6	ABQ72246	Abq72246 Human CYP
2619	8	40.0	15	6	ABK96590	Abk96590 Human int
c2620	8	40.0	15	6	ABL31286	Abl31286 Human HLA
c2621	8	40.0	15	6	ABL31398	Abl31398 Human HLA
2622	8	40.0	15	6	ABX00379	Abx00379 Hepatitis
2623	8	40.0	15	6	ABX00913	Abx00913 Hepatitis
2624	8	40.0	15	6	ABX01167	Abx01167 Hepatitis
2625	8	40.0	15	6	ABX01168	Abx01168 Hepatitis
c2626	8	40.0	15	8	AAD53199	Aad53199 Candida g
2627	8	40.0	15	10	ADC98478	Adc98478 KJ1308 po
c2628	8	40.0	15	10	ADD29007	Add29007 Endonulce
c2629	8	40.0	15	10	ADG98518	Adg98518 Human CET
2630	8	40.0	15	10	ADG89962	Adg89962 Human TNF
c2631	8	40.0	15	11	ADL50864	Adl50864 Human PKR
2632	8	40.0	15	12	ADF90148	Adf90148 Peptide n
2633	8	40.0	15	12	ADO39661	Ado39661 Human 10F
c2634	8	40.0	15	13	ADR74698	Adr74698 Allele sp
c2635	8	40.0	16	1	AAN60763	Aan60763 Core sequ
c2636	8	40.0	16	1	AAN70476	Aan70476 Consensus
c2637	8	40.0	16	1	AAN80214	Aan80214 Sequence
2638	8	40.0	16	1	AAN80212	Aan80212 Sequence
2639	8	40.0	16	2	AAQ42864	Aaq42864 Positive
c2640	8	40.0	16	2	AAQ42866	Aaq42866 Positive
2641	8	40.0	16	2	AAQ51249	Aaq51249 Positive
c2642	8	40.0	16	2	AAQ51251	Aaq51251 Positive
c2643	8	40.0	16	2	AAQ40619	Aaq40619 Hypervari
2644	8	40.0	16	2	AAQ70682	Aaq70682 Triplex f
2645	8	40.0	16	2	AAQ76333	Aaq76333 Positive
c2646	8	40.0	16	2	AAT18268	Aat18268 Hepatitis
2647	8	40.0	16	2	AAT06923	Aat06923 Chromosom
2648	8	40.0	16	2	AAT64717	Aat64717 Primer E3
c2649	8	40.0	16	2	AAX57840	Aax57840 PCR prime
c2650	8	40.0	16	2	AAX78878	Aax78878 Human tis
c2651	8	40.0	16	2	AAV83092	Aav83092 PCR prime
c2652	8	40.0	16	3	AAA46273	Aaa46273 Interphot
c2653	8	40.0	16	3	AAA46253	Aaa46253 Interphot
2654	8	40.0	16	4	AAF24333	Aaf24333 Human NFA
c2655	8	40.0	16	4	AAF32293	Aaf32293 Streptomy
c2656	8	40.0	16	4	AAH48048	Aah48048 Oligonucl
c2657	8	40.0	16	4	AAF99414	Aaf99414 Immunosti
c2658	8	40.0	16	4	AAF16609	Aaf16609 Gastric a
c2659	8	40.0	16	5	AAI65917	Aai65917 Antisense
c2660	8	40.0	16	5	AAI64945	Aai64945 Human Cre
c2661	8	40.0	16	5	AAI64961	Aai64961 Human Cre
2662	8	40.0	16	5	ABZ72101	Abz72101 Gene 216
c2663	8	40.0	16	6	ABS78059	Abs78059 Angiogene
c2664	8	40.0	16	6	ABL38770	Abl38770 Immunosti
c2665	8	40.0	16	6	ABS98214	Abs98214 Human lac
2666	8	40.0	16	6	ABA02425	Aba02425 Type B am
2667	8	40.0	16	6	ABK29916	Abk29916 Androgen
2668	8	40.0	16	8	ABX74954	Abx74954 Human gen
c2669	8	40.0	16	9	ACD99834	Acd99834 Immunosti
2670	8	40.0	16	9	AAL60784	Aal60784 Human HNF
2671	8	40.0	16	9	AAL60783	Aal60783 Human HNF
2672	8	40.0	16	9	ACC78169	Acc78169 Human GCP
c2673	8	40.0	16	9	ADB36916	Adb36916 Immunosti
c2674	8	40.0	16	10	AAD56017	Aad56017 Primer us
c2675	8	40.0	16	10	ACC58325	Acc58325 Oligonucl
2676	8	40.0	16	12	ADJ36682	Adj36682 Human gen
2677	8	40.0	16	12	ADL81261	Adl81261 Gene 216
2678	8	40.0	16	12	ADM32713	Adm32713 Type B AO
2679	8	40.0	16	12	ADO09565	Ado09565 SSCP forw
2680	8	40.0	16	12	ADO22591	Ado22591 Human chr
2681	8	40.0	16	12	ADP71257	Adp71257 Oligo #9
2682	8	40.0	16	12	ADP71256	Adp71256 Oligo AJ0
2683	8	40.0	16	13	ADR31410	Adr31410 Bovine RO
2684	8	40.0	16	13	ADS90833	Ads90833 Oligonucl
2685	8	40.0	16	13	ADR74758	Adr74758 Allele sp
2686	8	40.0	16	13	ADR74757	Adr74757 Allele sp
2687	8	40.0	17	2	AAT53461	Aat53461 Rat ICAM
2688	8	40.0	17	2	AAT53522	Aat53522 Rat ICAM
c2689	8	40.0	17	2	AAQ86714	Aaq86714 Rice waxy
c2690	8	40.0	17	2	AAX63900	Aax63900 Rabbit st
c2691	8	40.0	17	2	AAX63899	Aax63899 Rabbit st
c2692	8	40.0	17	2	AAX63898	Aax63898 Rabbit st
c2693	8	40.0	17	2	AAX75125	Aax75125 Mouse flt
2694	8	40.0	17	2	AAX74665	Aax74665 Mouse flt
2695	8	40.0	17	2	AAX75000	Aax75000 Mouse flt
c2696	8	40.0	17	2	AAX75172	Aax75172 Mouse flt
c2697	8	40.0	17	2	AAX75173	Aax75173 Mouse flt
2698	8	40.0	17	2	AAX75001	Aax75001 Mouse flt
c2699	8	40.0	17	2	AAX75126	Aax75126 Mouse flt
2700	8	40.0	17	2	AAX74664	Aax74664 Mouse flt
2701	8	40.0	17	2	AAX72953	Aax72953 Mouse flk
2702	8	40.0	17	2	AAX72954	Aax72954 Mouse flk
c2703	8	40.0	17	2	AAT85506	Aat85506 Oligo #16
c2704	8	40.0	17	2	AAT85486	Aat85486 Oligo #2
c2705	8	40.0	17	2	AAX62281	Aax62281 Granule b
c2706	8	40.0	17	2	AAX62283	Aax62283 Granule b
c2707	8	40.0	17	2	AAX62287	Aax62287 Granule b
c2708	8	40.0	17	2	AAX62285	Aax62285 Granule b
c2709	8	40.0	17	2	AAV57815	Aav57815 Human chr
c2710	8	40.0	17	2	AAV85961	Aav85961 Mouse LRP
2711	8	40.0	17	2	AAV97689	Aav97689 Human EGF
2712	8	40.0	17	2	AAV97690	Aav97690 Human EGF
2713	8	40.0	17	2	AAV97465	Aav97465 Human EGF
2714	8	40.0	17	2	AAV97688	Aav97688 Human EGF
2715	8	40.0	17	2	AAV97463	Aav97463 Human EGF
2716	8	40.0	17	2	AAV97464	Aav97464 Human EGF
c2717	8	40.0	17	2	AAV16323	Aav16323 Primer us
2718	8	40.0	17	2	AAV94638	Aav94638 Human IL-
2719	8	40.0	17	2	AAA18433	Aaa18433 Human TIE
c2720	8	40.0	17	2	AAA18666	Aaa18666 Human TIE
c2721	8	40.0	17	2	AAA18665	Aaa18665 Human TIE

2722	8	40.0	17	2	AAA18432	Aaa18432 Human TIE
2723	8	40.0	17	2	AAA18431	Aaa18431 Human TIE
c2724	8	40.0	17	2	AAX17649	Aax17649 Test sequ
c2725	8	40.0	17	2	AAX17645	Aax17645 Test sequ
2726	8	40.0	17	3	AAA24904	Aaa24904 Oestrogen
2727	8	40.0	17	3	AAA24903	Aaa24903 Oestrogen
c2728	8	40.0	17	3	AAF02128	Aaf02128 Hammerhea
2729	8	40.0	17	3	AAF02625	Aaf02625 Hammerhea
c2730	8	40.0	17	3	AAF06096	Aaf06096 Hammerhea
c2731	8	40.0	17	3	AAF06986	Aaf06986 Hammerhea
c2732	8	40.0	17	3	AAF06097	Aaf06097 Hammerhea
2733	8	40.0	17	3	AAF07192	Aaf07192 Hammerhea
2734	8	40.0	17	3	AAF02216	Aaf02216 Hammerhea
2735	8	40.0	17	3	AAF02217	Aaf02217 Hammerhea
2736	8	40.0	17	3	AAF02624	Aaf02624 Hammerhea
c2737	8	40.0	17	3	AAF02840	Aaf02840 Hammerhea
c2738	8	40.0	17	3	AAF06985	Aaf06985 Hammerhea
2739	8	40.0	17	3	AAF02218	Aaf02218 Hammerhea
c2740	8	40.0	17	3	AAF02841	Aaf02841 Hammerhea
c2741	8	40.0	17	3	AAF06095	Aaf06095 Hammerhea
2742	8	40.0	17	3	AAF02933	Aaf02933 Hammerhea
2743	8	40.0	17	3	AAF07193	Aaf07193 Hammerhea
c2744	8	40.0	17	3	AAA71768	Aaa71768 Adenoviru
c2745	8	40.0	17	3	AAA72599	Aaa72599 Primer us
c2746	8	40.0	17	3	AAA57405	Aaa57405 PCR prime
2747	8	40.0	17	5	AAF55002	Aaf55002 PCR prime
c2748	8	40.0	17	6	ABK83136	Abk83136 DNA bindi
c2749	8	40.0	17	6	ABK83140	Abk83140 DNA bindi
c2750	8	40.0	17	6	ABN01845	Abn01845 Human GDM
c2751	8	40.0	17	6	ABN06561	Abn06561 Human GDM
c2752	8	40.0	17	6	ABN06564	Abn06564 Human GDM
c2753	8	40.0	17	6	ABN06557	Abn06557 Human GDM
c2754	8	40.0	17	6	ABN06558	Abn06558 Human GDM
c2755	8	40.0	17	6	ABN06563	Abn06563 Human GDM
c2756	8	40.0	17	6	ABN01842	Abn01842 Human GDM
c2757	8	40.0	17	6	ABN01843	Abn01843 Human GDM
c2758	8	40.0	17	6	ABN01848	Abn01848 Human GDM
c2759	8	40.0	17	6	ABN06556	Abn06556 Human GDM
c2760	8	40.0	17	6	ABN06559	Abn06559 Human GDM
c2761	8	40.0	17	6	ABN01839	Abn01839 Human GDM
c2762	8	40.0	17	6	ABN01841	Abn01841 Human GDM
c2763	8	40.0	17	6	ABN01847	Abn01847 Human GDM
c2764	8	40.0	17	6	ABN06562	Abn06562 Human GDM
c2765	8	40.0	17	6	ABN06555	Abn06555 Human GDM
c2766	8	40.0	17	6	ABN01844	Abn01844 Human GDM
c2767	8	40.0	17	6	ABN01846	Abn01846 Human GDM
c2768	8	40.0	17	6	ABN06560	Abn06560 Human GDM
c2769	8	40.0	17	6	ABN01840	Abn01840 Human GDM
c2770	8	40.0	17	6	ABL42994	Abl42994 Human chr
c2771	8	40.0	17	6	ABK26151	Abk26151 Increased
2772	8	40.0	17	6	ABK26152	Abk26152 Increased
c2773	8	40.0	17	6	ABS98550	Abs98550 Human ace
c2774	8	40.0	17	6	ABA95544	Aba95544 Cauliflow
c2775	8	40.0	17	6	ABS75039	Abs75039 Human PAP
c2776	8	40.0	17	6	ABS75040	Abs75040 Human PAP
c2777	8	40.0	17	6	ABS75038	Abs75038 Human PAP
c2778	8	40.0	17	6	ABS75044	Abs75044 Human PAP
c2779	8	40.0	17	6	ABS75037	Abs75037 Human PAP
c2780	8	40.0	17	6	ABS75042	Abs75042 Human PAP
c2781	8	40.0	17	6	ABS75045	Abs75045 Human PAP
c2782	8	40.0	17	6	ABS75046	Abs75046 Human PAP
c2783	8	40.0	17	6	ABS75043	Abs75043 Human PAP
c2784	8	40.0	17	6	ABS75041	Abs75041 Human PAP
2785	8	40.0	17	6	ABV90922	Abv90922 Human POS
2786	8	40.0	17	6	ABV90926	Abv90926 Human POS
2787	8	40.0	17	6	ABV90921	Abv90921 Human POS
2788	8	40.0	17	6	ABV90918	Abv90918 Human POS
c2789	8	40.0	17	6	ABV91171	Abv91171 Human POS
c2790	8	40.0	17	6	ABV91177	Abv91177 Human POS
c2791	8	40.0	17	6	ABV91172	Abv91172 Human POS
c2792	8	40.0	17	6	ABV91175	Abv91175 Human POS
2793	8	40.0	17	6	ABV90927	Abv90927 Human POS
c2794	8	40.0	17	6	ABV91173	Abv91173 Human POS
2795	8	40.0	17	6	ABV90919	Abv90919 Human POS
2796	8	40.0	17	6	ABV90923	Abv90923 Human POS
2797	8	40.0	17	6	ABV90924	Abv90924 Human POS
c2798	8	40.0	17	6	ABV91170	Abv91170 Human POS
c2799	8	40.0	17	6	ABV91176	Abv91176 Human POS
c2800	8	40.0	17	6	ABV91179	Abv91179 Human POS
2801	8	40.0	17	6	ABV90920	Abv90920 Human POS
c2802	8	40.0	17	6	ABV91178	Abv91178 Human POS
2803	8	40.0	17	6	ABV90925	Abv90925 Human POS
c2804	8	40.0	17	6	ABV91174	Abv91174 Human POS
c2805	8	40.0	17	6	ABL30738	Abl30738 Human HLA
c2806	8	40.0	17	6	AAD23900	Aad23900 Human tra
2807	8	40.0	17	6	ABK55767	Abk55767 Human CLC
2808	8	40.0	17	6	ABK56327	Abk56327 Human CLC
2809	8	40.0	17	6	ABK56326	Abk56326 Human CLC
2810	8	40.0	17	6	ABK56328	Abk56328 Human CLC
2811	8	40.0	17	6	ABK56330	Abk56330 Human CLC
c2812	8	40.0	17	6	ABK57061	Abk57061 Human CLC
2813	8	40.0	17	6	ABK55768	Abk55768 Human CLC
c2814	8	40.0	17	6	ABK57506	Abk57506 Human CLC
c2815	8	40.0	17	6	ABK57507	Abk57507 Human CLC
2816	8	40.0	17	6	ABK56329	Abk56329 Human CLC
c2817	8	40.0	17	6	ABK56841	Abk56841 Human CLC
c2818	8	40.0	17	6	ABK56998	Abk56998 Human CLC
2819	8	40.0	17	6	ABK57299	Abk57299 Human CLC
2820	8	40.0	17	6	ACN12528	Acn12528 WNV minus
2821	8	40.0	17	6	ACN08075	Acn08075 WNV minus
c2822	8	40.0	17	6	ACN02092	Acn02092 WNV Inozy
c2823	8	40.0	17	6	ACN06961	Acn06961 WNV Amber
2824	8	40.0	17	6	ACN10101	Acn10101 WNV minus
2825	8	40.0	17	6	ACN11367	Acn11367 WNV minus
c2826	8	40.0	17	6	ACN02439	Acn02439 WNV Inozy
c2827	8	40.0	17	6	ACN06757	Acn06757 WNV Amber
2828	8	40.0	17	6	ACN10099	Acn10099 WNV minus
c2829	8	40.0	17	6	ACN05316	Acn05316 WNV DNAzy
c2830	8	40.0	17	6	ACN06960	Acn06960 WNV Amber
2831	8	40.0	17	6	ACN10100	Acn10100 WNV minus
c2832	8	40.0	17	6	ACN00733	Acn00733 WNV Hamme
2833	8	40.0	17	6	ACN10901	Acn10901 WNV minus
2834	8	40.0	17	6	ACN07842	Acn07842 WNV minus
2835	8	40.0	17	6	ACN10102	Acn10102 WNV minus
2836	8	40.0	17	6	ACN11373	Acn11373 WNV minus
c2837	8	40.0	17	6	ACN06959	Acn06959 WNV Amber
c2838	8	40.0	17	6	ACN04453	Acn04453 WNV Zinzy
c2839	8	40.0	17	6	ACN06058	Acn06058 WNV Amber
c2840	8	40.0	17	6	ACN03045	Acn03045 WNV Inozy
2841	8	40.0	17	6	ACN07841	Acn07841 WNV minus
2842	8	40.0	17	6	ACN08487	Acn08487 WNV minus
2843	8	40.0	17	6	ACN10375	Acn10375 WNV minus
2844	8	40.0	17	8	ABT35791	Abt35791 Tumour su
2845	8	40.0	17	8	ABT38796	Abt38796 Tumour su
c2846	8	40.0	17	8	ABT39294	Abt39294 Tumour su
2847	8	40.0	17	8	ABT39620	Abt39620 Tumour su
c2848	8	40.0	17	8	ABT37535	Abt37535 Tumour su
2849	8	40.0	17	8	ABT37557	Abt37557 Tumour su
c2850	8	40.0	17	8	ABT39841	Abt39841 Tumour su
2851	8	40.0	17	8	ABT35896	Abt35896 Tumour su
2852	8	40.0	17	8	ABT38293	Abt38293 Tumour su
c2853	8	40.0	17	8	ABT34651	Abt34651 Tumour su
c2854	8	40.0	17	8	ABT38619	Abt38619 Tumour su
2855	8	40.0	17	8	ABT39044	Abt39044 Tumour su
2856	8	40.0	17	8	ABT39834	Abt39834 Tumour su
2857	8	40.0	17	8	ABT37509	Abt37509 Tumour su
c2858	8	40.0	17	8	ABT39636	Abt39636 Tumour su
2859	8	40.0	17	8	ACA08990	Aca08990 NFKB sub-
c2860	8	40.0	17	8	ACA07691	Aca07691 NFKB sub-
c2861	8	40.0	17	8	ACA07692	Aca07692 NFKB sub-
2862	8	40.0	17	8	ACA06441	Aca06441 NFKB sub-
2863	8	40.0	17	8	ACA06446	Aca06446 NFKB sub-
2864	8	40.0	17	8	ACA06443	Aca06443 NFKB sub-
c2865	8	40.0	17	8	ACA06375	Aca06375 NFKB sub-
2866	8	40.0	17	8	ACA06444	Aca06444 NFKB sub-
2867	8	40.0	17	8	ACA06445	Aca06445 NFKB sub-

2868	8	40.0	17	8	ACA06442	Aca06442 NFKB sub-
2869	8	40.0	17	8	ADB04350	Adb04350 Human MDZ
2870	8	40.0	17	8	ADB04345	Adb04345 Human MDZ
2871	8	40.0	17	8	ADB04344	Adb04344 Human MDZ
2872	8	40.0	17	8	ADB04352	Adb04352 Human MDZ
2873	8	40.0	17	8	ADB04353	Adb04353 Human MDZ
2874	8	40.0	17	8	ADB04347	Adb04347 Human MDZ
2875	8	40.0	17	8	ADB04346	Adb04346 Human MDZ
2876	8	40.0	17	8	ADB04348	Adb04348 Human MDZ
2877	8	40.0	17	8	ADB04349	Adb04349 Human MDZ
2878	8	40.0	17	8	ADB04351	Adb04351 Human MDZ
2879	8	40.0	17	8	ABZ64616	Abz64616 Human HER
2880	8	40.0	17	8	ABZ64615	Abz64615 Human HER
2881	8	40.0	17	8	ABZ64591	Abz64591 Human HER
2882	8	40.0	17	8	ABZ64917	Abz64917 Human HER
2883	8	40.0	17	8	ABZ64916	Abz64916 Human HER
2884	8	40.0	17	8	ABZ64614	Abz64614 Human HER
c2885	8	40.0	17	8	ABZ64811	Abz64811 Human HER
c2886	8	40.0	17	8	ACD63957	Acd63957 HCV minus
c2887	8	40.0	17	8	ACD61483	Acd61483 HCV minus
2888	8	40.0	17	8	ACD64641	Acd64641 HCV minus
2889	8	40.0	17	8	ACD61187	Acd61187 HCV DNAzy
2890	8	40.0	17	8	ACD61186	Acd61186 HCV DNAzy
2891	8	40.0	17	8	ACD51658	Acd51658 HBV hamme
2892	8	40.0	17	8	ACD58710	Acd58710 HCV DNAzy
2893	8	40.0	17	8	ACD51655	Acd51655 HBV hamme
c2894	8	40.0	17	8	ACD61482	Acd61482 HCV minus
2895	8	40.0	17	8	ACC64730	Acc64730 Murine ol
c2896	8	40.0	17	8	ACC65321	Acc65321 Murine ol
2897	8	40.0	17	8	ACC66926	Acc66926 Murine ol
2898	8	40.0	17	8	ACC66972	Acc66972 Murine ol
c2899	8	40.0	17	8	ACC67485	Acc67485 Murine ol
c2900	8	40.0	17	8	ACC62877	Acc62877 Murine ol
2901	8	40.0	17	8	ACC63672	Acc63672 Murine ol
2902	8	40.0	17	8	ACC66688	Acc66688 Murine ol
2903	8	40.0	17	8	ACC64429	Acc64429 Murine ol
2904	8	40.0	17	8	ACC64680	Acc64680 Murine ol
2905	8	40.0	17	8	ACC68311	Acc68311 Murine ol
2906	8	40.0	17	8	ACC68144	Acc68144 Murine ol
c2907	8	40.0	17	8	ABZ24770	Abz24770 Locked nu
2908	8	40.0	17	9	ADA50406	Ada50406 Thermus s
2909	8	40.0	17	9	ACC79937	Acc79937 Thermus o
c2910	8	40.0	17	9	ADA15853	Ada15853 Primer fo
2911	8	40.0	17	10	ADB39953	Adb39953 Tumour su
2912	8	40.0	17	10	ADB43856	Adb43856 Tumour su
2913	8	40.0	17	10	ADB43340	Adb43340 Tumour su
2914	8	40.0	17	10	ADB39724	Adb39724 Tumour su
2915	8	40.0	17	10	ADB40938	Adb40938 Tumour su
c2916	8	40.0	17	10	ADB41682	Adb41682 Tumour su
c2917	8	40.0	17	10	ADB42334	Adb42334 Tumour su
2918	8	40.0	17	10	ADB42403	Adb42403 Tumour su
2919	8	40.0	17	10	ADB43436	Adb43436 Tumour su
c2920	8	40.0	17	10	ADB41279	Adb41279 Tumour su
c2921	8	40.0	17	10	ADB83275	Adb83275 Maize pyr
c2922	8	40.0	17	10	ADC37697	Adc37697 Human AML
c2923	8	40.0	17	10	ADC37701	Adc37701 Human AML
c2924	8	40.0	17	10	ADC37704	Adc37704 Human AML
c2925	8	40.0	17	10	ADC37703	Adc37703 Human AML
c2926	8	40.0	17	10	ADC37700	Adc37700 Human AML
c2927	8	40.0	17	10	ADC37706	Adc37706 Human AML
c2928	8	40.0	17	10	ADC37699	Adc37699 Human AML
c2929	8	40.0	17	10	ADC37698	Adc37698 Human AML
c2930	8	40.0	17	10	ADC37702	Adc37702 Human AML
c2931	8	40.0	17	10	ADC37705	Adc37705 Human AML
c2932	8	40.0	17	10	ADB45620	Adb45620 Tumour su
2933	8	40.0	17	10	ADB45223	Adb45223 Tumour su
c2934	8	40.0	17	10	ADB44635	Adb44635 Tumour su
2935	8	40.0	17	10	ADB45000	Adb45000 Tumour su
c2936	8	40.0	17	10	ADD42044	Add42044 Rice acet
c2937	8	40.0	17	10	ADE86253	Ade86253 Oligonucl
c2938	8	40.0	17	10	ADE86254	Ade86254 Oligonucl
2939	8	40.0	17	10	ADE36015	Ade36015 Shared GS
2940	8	40.0	17	10	ADE30712	Ade30712 Cholester
2941	8	40.0	17	10	ADF62346	Adf62346 Human PCC
2942	8	40.0	17	10	ADF62334	Adf62334 Human PCC
2943	8	40.0	17	10	ADF78817	Adf78817 Chromosom
2944	8	40.0	17	10	ADF78423	Adf78423 Chromosom
2945	8	40.0	17	10	ADF87457	Adf87457 Single nu
2946	8	40.0	17	10	ADH53057	Adh53057 DNA compr
2947	8	40.0	17	10	ADH53228	Adh53228 Human APC
c2948	8	40.0	17	10	ADI48455	Adi48455 Human tum
2949	8	40.0	17	10	ADI50248	Adi50248 Human tum
c2950	8	40.0	17	10	ADI47650	Adi47650 Human tum
2951	8	40.0	17	10	ADI51366	Adi51366 Human tum
2952	8	40.0	17	10	ADI49555	Adi49555 Human tum
2953	8	40.0	17	10	ADI47772	Adi47772 Human tum
2954	8	40.0	17	10	ADI48672	Adi48672 Human tum
2955	8	40.0	17	10	ADH76968	Adh76968 hSOX18 pr
2956	8	40.0	17	10	ACC52726	Acc52726 Human tum
2957	8	40.0	17	10	ACC53212	Acc53212 Human tum
2958	8	40.0	17	10	ACC52611	Acc52611 Human tum
c2959	8	40.0	17	10	ACC53303	Acc53303 Human tum
2960	8	40.0	17	10	ACC54292	Acc54292 Human tum
2961	8	40.0	17	10	ACC52260	Acc52260 Human tum
c2962	8	40.0	17	10	ACC52866	Acc52866 Human tum
2963	8	40.0	17	10	ACC53053	Acc53053 Human tum
2964	8	40.0	17	10	ADK71225	Adk71225 Drug-tole
2965	8	40.0	17	10	ADJ82017	Adj82017 Thermus b
c2966	8	40.0	17	10	ADK68410	Adk68410 Human T-l
2967	8	40.0	17	11	ADL46735	Adl46735 Human NOG
c2968	8	40.0	17	11	ADL47859	Adl47859 Human IKK
c2969	8	40.0	17	11	ADL48630	Adl48630 Human IKK
c2970	8	40.0	17	11	ADL48632	Adl48632 Human IKK
c2971	8	40.0	17	11	ADL50122	Adl50122 Human PKR
c2972	8	40.0	17	11	ADL50586	Adl50586 Human PKR
2973	8	40.0	17	11	ADL46738	Adl46738 Human NOG
2974	8	40.0	17	11	ADL51220	Adl51220 Human PTG
2975	8	40.0	17	11	ADL46736	Adl46736 Human NOG
c2976	8	40.0	17	11	ADL48633	Adl48633 Human IKK
c2977	8	40.0	17	11	ADL48680	Adl48680 Human IKK
c2978	8	40.0	17	11	ADL50321	Adl50321 Human PKR
2979	8	40.0	17	11	ADL46737	Adl46737 Human NOG
c2980	8	40.0	17	11	ADL48252	Adl48252 Human IKK
c2981	8	40.0	17	11	ADL48295	Adl48295 Human IKK
c2982	8	40.0	17	11	ADL49261	Adl49261 Human PKR
2983	8	40.0	17	11	ADL51217	Adl51217 Human PTG
2984	8	40.0	17	11	ADL46504	Adl46504 Human NOG
2985	8	40.0	17	11	ADL51548	Adl51548 Human PTG
2986	8	40.0	17	11	ADL51216	Adl51216 Human PTG
c2987	8	40.0	17	11	ADL48634	Adl48634 Human IKK
c2988	8	40.0	17	11	ADL48631	Adl48631 Human IKK
c2989	8	40.0	17	11	ADL48679	Adl48679 Human IKK
2990	8	40.0	17	11	ADL46503	Adl46503 Human NOG
c2991	8	40.0	17	11	ADL48253	Adl48253 Human IKK
c2992	8	40.0	17	11	ADL50587	Adl50587 Human PKR
2993	8	40.0	17	11	ADL50937	Adl50937 Human PTG
2994	8	40.0	17	11	ADL46502	Adl46502 Human NOG
c2995	8	40.0	17	11	ADL49742	Adl49742 Human PKR
2996	8	40.0	17	11	ADL51218	Adl51218 Human PTG
2997	8	40.0	17	11	ADL46734	Adl46734 Human NOG
c2998	8	40.0	17	11	ADL47858	Adl47858 Human IKK
2999	8	40.0	17	11	ADL51219	Adl51219 Human PTG
c3000	8	40.0	17	11	ADL48491	Adl48491 Human IKK
c3001	8	40.0	17	11	ADL49148	Adl49148 Human PKR
c3002	8	40.0	17	11	ADL48681	Adl48681 Human IKK
3003	8	40.0	17	11	ADL51215	Adl51215 Human PTG
c3004	8	40.0	17	12	ADE80675	Ade80675 Duplex ol
c3005	8	40.0	17	12	ADE80679	Ade80679 Duplex ol
c3006	8	40.0	17	12	ADI82668	Adi82668 Human p53
c3007	8	40.0	17	12	ADK13461	Adk13461 Human gli
c3008	8	40.0	17	12	ADK13227	Adk13227 Human gli
c3009	8	40.0	17	12	ADL82171	Adl82171 Human ER+
c3010	8	40.0	17	12	ADM69120	Adm69120 Human TAT
3011	8	40.0	17	12	ADM58564	Adm58564 Hepatitis
3012	8	40.0	17	12	ADM58561	Adm58561 Hepatitis
3013	8	40.0	17	12	ADI84959	Adi84959 HCV DNAzy

c3014	8	40.0	17	12	ADI85105	Adi85105	HCV DNAzy	3087	8	40.0	18	2	AAV19697	Aav19697	Insectici
c3015	8	40.0	17	12	ADI85104	Adi85104	HCV DNAzy	3088	8	40.0	18	2	AAZ21437	Aaz21437	Human MEK
c3016	8	40.0	17	12	ADI86347	Adi86347	HCV DNAzy	3089	8	40.0	18	2	AAZ28809	Aaz28809	Primer CH
3017	8	40.0	17	12	ADI84958	Adi84958	HCV DNAzy	c3090	8	40.0	18	2	AAX91348	Aax91348	Primer fo
3018	8	40.0	17	12	ADI84113	Adi84113	HCV DNAzy	c3091	8	40.0	18	2	AAZ31810	Aaz31810	Human G-a
3019	8	40.0	17	12	ADI83373	Adi83373	HCV DNAzy	3092	8	40.0	18	2	AAX54144	Aax54144	Human fib
3020	8	40.0	17	12	ADI86695	Adi86695	HCV DNAzy	3093	8	40.0	18	2	AAV83174	Aav83174	Zcyto7 ma
3021	8	40.0	17	12	ADI84116	Adi84116	HCV DNAzy	c3094	8	40.0	18	2	AAX90228	Aax90228	GRK4 PCR
3022	8	40.0	17	12	ADN97451	Adn97451	Artificia	3095	8	40.0	18	3	AAA33588	Aaa33588	Low adeno
3023	8	40.0	17	12	ADN44843	Adn44843	Mutant ce	3096	8	40.0	18	3	AAZ46611	Aaz46611	Reverse p
c3024	8	40.0	17	12	ADN44842	Adn44842	Mutant ce	3097	8	40.0	18	3	AAZ59394	Aaz59394	Forward P
c3025	8	40.0	17	12	ADP56712	Adp56712	FITC-labe	3098	8	40.0	18	3	AAZ47463	Aaz47463	PCR prime
3026	8	40.0	17	13	ADR27070	Adr27070	Human sin	3099	8	40.0	18	3	AAZ87095	Aaz87095	PCR prime
3027	8	40.0	17	13	ADR27071	Adr27071	Human sin	3100	8	40.0	18	3	AAA55597	Aaa55597	TRAF3 ant
c3028	8	40.0	17	13	ADS90848	Ads90848	Oligonucl	3101	8	40.0	18	3	AAA51250	Aaa51250	Primer 4
c3029	8	40.0	17	13	ACN69645	Acn69645	Human GDM	c3102	8	40.0	18	3	AAA40363	Aaa40363	pBluescri
c3030	8	40.0	17	13	ACN64930	Acn64930	Human GDM	3103	8	40.0	18	3	AAZ48542	Aaz48542	Human TNF
c3031	8	40.0	17	13	ACN64931	Acn64931	Human GDM	3104	8	40.0	18	3	AAA93273	Aaa93273	Human con
c3032	8	40.0	17	13	ACN64932	Acn64932	Human GDM	3105	8	40.0	18	3	AAA93271	Aaa93271	Human con
c3033	8	40.0	17	13	ACN69647	Acn69647	Human GDM	c3106	8	40.0	18	3	AAA09736	Aaa09736	G-alpha-i
c3034	8	40.0	17	13	ACN64934	Acn64934	Human GDM	3107	8	40.0	18	3	AAZ52631	Aaz52631	Human sec
c3035	8	40.0	17	13	ACN69649	Acn69649	Human GDM	c3108	8	40.0	18	3	AAZ91439	Aaz91439	Human Shi
c3036	8	40.0	17	13	ACN69651	Acn69651	Human GDM	3109	8	40.0	18	3	AAZ73061	Aaz73061	Human bia
c3037	8	40.0	17	13	ACN64937	Acn64937	Human GDM	c3110	8	40.0	18	3	AAZ70521	Aaz70521	Human bia
c3038	8	40.0	17	13	ACN64929	Acn64929	Human GDM	c3111	8	40.0	18	3	AAZ70484	Aaz70484	Human bia
c3039	8	40.0	17	13	ACN64933	Acn64933	Human GDM	3112	8	40.0	18	3	AAZ70127	Aaz70127	Human bia
c3040	8	40.0	17	13	ACN64936	Acn64936	Human GDM	c3113	8	40.0	18	3	AAZ76177	Aaz76177	Human bia
c3041	8	40.0	17	13	ACN69646	Acn69646	Human GDM	3114	8	40.0	18	3	AAZ74779	Aaz74779	Human bia
c3042	8	40.0	17	13	ACN69650	Acn69650	Human GDM	3115	8	40.0	18	3	AAZ71563	Aaz71563	Human bia
c3043	8	40.0	17	13	ACN69654	Acn69654	Human GDM	3116	8	40.0	18	3	AAA48799	Aaa48799	Human G-a
c3044	8	40.0	17	13	ACN69652	Acn69652	Human GDM	c3117	8	40.0	18	3	AAZ90431	Aaz90431	CMV US27
c3045	8	40.0	17	13	ACN69653	Acn69653	Human GDM	c3118	8	40.0	18	3	AAA30395	Aaa30395	Human NF-
c3046	8	40.0	17	13	ACN64935	Acn64935	Human GDM	3119	8	40.0	18	3	AAA30392	Aaa30392	Human NF-
c3047	8	40.0	17	13	ACN64938	Acn64938	Human GDM	3120	8	40.0	18	3	AAF19710	Aaf19710	Human fib
c3048	8	40.0	17	13	ACN69648	Acn69648	Human GDM	3121	8	40.0	18	3	AAA07175	Aaa07175	PCR prime
3049	8	40.0	17	13	ADR97828	Adr97828	Human APC	3122	8	40.0	18	3	AAA63110	Aaa63110	Antisense
3050	8	40.0	17	13	ADR97999	Adr97999	Human APC	c3123	8	40.0	18	3	AAA92627	Aaa92627	Antisense
3051	8	40.0	17	13	ADS09128	Ads09128	Human DNA	c3124	8	40.0	18	3	AAA92558	Aaa92558	Antisense
3052	8	40.0	17	13	ADS08512	Ads08512	Human DNA	3125	8	40.0	18	3	AAA87007	Aaa87007	CAH oligo
3053	8	40.0	17	13	ADS08683	Ads08683	Human DNA	3126	8	40.0	18	3	AAA87005	Aaa87005	CAH oligo
c3054	8	40.0	17	13	ADS00138	Ads00138	Human p53	3127	8	40.0	18	3	AAC59848	Aac59848	Oligonucl
c3055	8	40.0	18	2	AAQ10654	Aaq10654	HLA Class	c3128	8	40.0	18	4	AAF92261	Aaf92261	Human IGE
c3056	8	40.0	18	2	AAQ26193	Aaq26193	HLA-DR be	3129	8	40.0	18	4	AAH49277	Aah49277	PGPR bact
c3057	8	40.0	18	2	AAQ26224	Aaq26224	HLA-DR be	3130	8	40.0	18	4	AAD18298	Aad18298	Human Zcy
3058	8	40.0	18	2	AAQ20508	Aaq20508	PCR prime	c3131	8	40.0	18	4	AAS42671	Aas42671	T. gondii
c3059	8	40.0	18	2	AAQ55065	Aaq55065	Sequence	3132	8	40.0	18	4	AAF77357	Aaf77357	PCR prime
c3060	8	40.0	18	2	AAQ75065	Aaq75065	Human cdk	3133	8	40.0	18	4	AAI66128	Aai66128	Human gla
3061	8	40.0	18	2	AAT05431	Aat05431	Antisense	c3134	8	40.0	18	5	AAH47429	Aah47429	XPF gene
3062	8	40.0	18	2	AAQ91056	Aaq91056	HHV-6 ass	3135	8	40.0	18	5	ABZ72193	Abz72193	Gene 216
c3063	8	40.0	18	2	AAQ91473	Aaq91473	Mouse cyc	3136	8	40.0	18	6	AAL49039	Aal49039	Drosophil
c3064	8	40.0	18	2	AAQ91471	Aaq91471	Mouse cyc	c3137	8	40.0	18	6	ABA91608	Aba91608	Mouse G p
c3065	8	40.0	18	2	AAX64486	Aax64486	Rabbit st	c3138	8	40.0	18	6	ABK51672	Abk51672	Human ABC
c3066	8	40.0	18	2	AAT34033	Aat34033	Mycobacte	c3139	8	40.0	18	6	ABK85525	Abk85525	GA21 PCR
3067	8	40.0	18	2	AAT80771	Aat80771	Staphyloc	c3140	8	40.0	18	6	ABK86201	Abk86201	GAPDH sen
c3068	8	40.0	18	2	AAV02917	Aav02917	E. coli 1	3141	8	40.0	18	6	AAD23045	Aad23045	Human CAH
3069	8	40.0	18	2	AAT86071	Aat86071	Human his	3142	8	40.0	18	6	AAD23043	Aad23043	Human CAH
c3070	8	40.0	18	2	AAX75643	Aax75643	Mouse flt	c3143	8	40.0	18	6	ABK41034	Abk41034	Human obe
3071	8	40.0	18	2	AAT92010	Aat92010	Capture p	3144	8	40.0	18	6	ABK41577	Abk41577	Human alp
c3072	8	40.0	18	2	AAT92034	Aat92034	Sense pri	3145	8	40.0	18	6	ABS63394	Abs63394	Synthetic
c3073	8	40.0	18	2	AAT77177	Aat77177	Batten di	3146	8	40.0	18	6	ABL43764	Abl43764	Human chr
c3074	8	40.0	18	2	AAT77179	Aat77179	Batten di	c3147	8	40.0	18	6	ABL55765	Abl55765	Snowdrop
c3075	8	40.0	18	2	AAT85352	Aat85352	Spider si	3148	8	40.0	18	6	AAD44304	Aad44304	Human 110
3076	8	40.0	18	2	AAT61625	Aat61625	Oligo der	3149	8	40.0	18	6	AAD44302	Aad44302	Human 111
3077	8	40.0	18	2	AAT47430	Aat47430	Primer #5	3150	8	40.0	18	6	ABT05038	Abt05038	TNFR1 exp
3078	8	40.0	18	2	AAT77022	Aat77022	Wheat mic	c3151	8	40.0	18	6	AAS98519	Aas98519	Human pro
3079	8	40.0	18	2	AAT76342	Aat76342	Human fib	c3152	8	40.0	18	6	AAS17037	Aas17037	Human RGS
3080	8	40.0	18	2	AAV11873	Aav11873	Homo sapi	c3153	8	40.0	18	6	ABS97213	Abs97213	Human CYP
3081	8	40.0	18	2	AAV29458	Aav29458	Calcium i	3154	8	40.0	18	6	ABS98514	Abs98514	Human ace
c3082	8	40.0	18	2	AAV29459	Aav29459	Calcium i	c3155	8	40.0	18	6	ABS97729	Abs97729	Human kel
c3083	8	40.0	18	2	AAV66815	Aav66815	Resolvase	c3156	8	40.0	18	6	AAD30259	Aad30259	Human PKD
3084	8	40.0	18	2	AAV46306	Aav46306	C. reinha	3157	8	40.0	18	6	AAD38574	Aad38574	Bovine le
c3085	8	40.0	18	2	AAV28545	Aav28545	Interleuk	c3158	8	40.0	18	6	ABL30783	Abl30783	Human HLA
c3086	8	40.0	18	2	AAV44611	Aav44611	Human unc	3159	8	40.0	18	6	ABL31388	Abl31388	Human HLA

c3160	8	40.0	18	6	AAD38927	Aad38927 Human Her
c3161	8	40.0	18	6	AAD38912	Aad38912 Human Her
3162	8	40.0	18	6	ABS67776	Abs67776 Double st
c3163	8	40.0	18	6	ADH48935	Adh48935 NOVX exon
3164	8	40.0	18	8	AAD51437	Aad51437 Human gro
3165	8	40.0	18	8	ABT21306	Abt21306 Multiplex
c3166	8	40.0	18	8	ABT13581	Abt13581 Liver reg
c3167	8	40.0	18	8	ABQ77147	Abq77147 Human ABC
c3168	8	40.0	18	8	ABZ10780	Abz10780 Haematopo
c3169	8	40.0	18	8	ABZ11048	Abz11048 Haematopo
c3170	8	40.0	18	8	ACC55384	Acc55384 Human ADA
3171	8	40.0	18	8	ABX75046	Abx75046 Human gen
c3172	8	40.0	18	8	ABX94557	Abx94557 23S/16S r
c3173	8	40.0	18	8	AAD56231	Aad56231 Mouse cal
c3174	8	40.0	18	8	AAD47543	Aad47543 Human Art
3175	8	40.0	18	8	ABX95574	Abx95574 Human PNM
3176	8	40.0	18	8	ABS57067	Abs57067 Human Zcy
3177	8	40.0	18	9	ACF57326	Acf57326 Human atl
c3178	8	40.0	18	9	ACC79752	Acc79752 Human PDG
3179	8	40.0	18	9	ACF05368	Acf05368 Thermus i
3180	8	40.0	18	9	ADA50410	Ada50410 Thermus s
c3181	8	40.0	18	10	ADB79193	Adb79193 Nucleic a
3182	8	40.0	18	10	ADB54835	Adb54835 Hybridisa
3183	8	40.0	18	10	ADC70318	Adc70318 Primer ol
3184	8	40.0	18	10	ADD20226	Add20226 Oreochrom
c3185	8	40.0	18	10	ABZ99598	Abz99598 LpTFL1 pr
c3186	8	40.0	18	10	ABZ99604	Abz99604 LpTFL1 pr
c3187	8	40.0	18	10	ADE84554	Ade84554 Human lym
c3188	8	40.0	18	10	ADE43548	Ade43548 Human IDE
3189	8	40.0	18	10	ADF28815	Adf28815 Tie-2 gen
3190	8	40.0	18	10	ADF90204	Adf90204 Human NF-
c3191	8	40.0	18	10	ADF90207	Adf90207 Human NF-
c3192	8	40.0	18	10	ADG17267	Adg17267 T. gondii
c3193	8	40.0	18	10	ADI00282	Adi00282 PCR prime
3194	8	40.0	18	10	ABZ95404	Abz95404 Human fib
3195	8	40.0	18	10	ABZ97629	Abz97629 Human IL5
3196	8	40.0	18	10	ABV72468	Abv72468 PCR prime
c3197	8	40.0	18	10	ABV72399	Abv72399 PCR prime
c3198	8	40.0	18	10	ABX95823	Abx95823 Sequencin
c3199	8	40.0	18	10	ADK81934	Adk81934 Human PP7
c3200	8	40.0	18	10	ADL08440	Adl08440 Human can
3201	8	40.0	18	11	ADM06651	Adm06651 Human PCR
3202	8	40.0	18	11	ABD30660	Abd30660 Human IL5
3203	8	40.0	18	11	ABD19456	Abd19456 Human fib
c3204	8	40.0	18	11	ADQ96820	Adq96820 Novel zin
3205	8	40.0	18	12	ADF92262	Adf92262 Human cyt
3206	8	40.0	18	12	ADF92259	Adf92259 Human cyt
c3207	8	40.0	18	12	ADH54026	Adh54026 Human neu
3208	8	40.0	18	12	ADJ36774	Adj36774 Human gen
c3209	8	40.0	18	12	ADI20816	Adi20816 Hybridisa
c3210	8	40.0	18	12	ADK97200	Adk97200 Primer of
c3211	8	40.0	18	12	ADK94924	Adk94924 Primer of
3212	8	40.0	18	12	ADJ59450	Adj59450 Oligonucl
c3213	8	40.0	18	12	ADJ94735	Adj94735 RT-PCR pr
3214	8	40.0	18	12	ADL81353	Adl81353 Gene 216
3215	8	40.0	18	12	ADL24440	Adl24440 Modified
3216	8	40.0	18	12	ADM70221	Adm70221 Plant gen
3217	8	40.0	18	12	ADM69348	Adm69348 Plant gen
3218	8	40.0	18	12	ADM69347	Adm69347 Plant gen
c3219	8	40.0	18	12	ADM83049	Adm83049 Human NF-
3220	8	40.0	18	12	ADM83046	Adm83046 Human NF-
c3221	8	40.0	18	12	ADN35809	Adn35809 Human NSC
c3222	8	40.0	18	12	ADN35811	Adn35811 Human NSC
3223	8	40.0	18	12	ADO09615	Ado09615 Human gen
3224	8	40.0	18	12	ADO22641	Ado22641 Human chr
3225	8	40.0	18	12	ADO44940	Ado44940 Human oli
3226	8	40.0	18	12	ADO30668	Ado30668 Mouse IL-
3227	8	40.0	18	12	ADP82974	Adp82974 Nitrile h
3228	8	40.0	18	12	ADP98134	Adp98134 C. albica
3229	8	40.0	18	13	ADQ93985	Adq93985 PCR prime
c3230	8	40.0	18	13	ADQ94000	Adq94000 PCR prime
c3231	8	40.0	18	13	ADQ80893	Adq80893 Caspase-6
3232	8	40.0	18	13	ADR06070	Adr06070 Human TNF
3233	8	40.0	18	13	ADS91039	Ads91039 Oligonucl
3234	8	40.0	18	13	ADR70108	Adr70108 Atlastin
c3235	8	40.0	18	13	ADS97377	Ads97377 Rat p38 M
3236	8	40.0	18	13	ADT01531	Adt01531 Novel mut
3237	8	40.0	18	13	ADT01342	Adt01342 Novel mut
3238	8	40.0	18	13	ADS00164	Ads00164 Duchenne
3239	8	40.0	18	13	ADS73876	Ads73876 DMD gene
3240	8	40.0	18	13	ADR74787	Adr74787 Allele sp
c3241	8	40.0	18	13	ADR75140	Adr75140 Common pr
c3242	8	40.0	18	13	ADR75011	Adr75011 Common pr
c3243	8	40.0	19	2	AAQ47004	Aaq47004 Probe (IH
3244	8	40.0	19	2	AAQ81519	Aaq81519 Mutagenic
3245	8	40.0	19	2	AAT06822	Aat06822 Probe A'
c3246	8	40.0	19	2	AAT36386	Aat36386 Beta-acti
c3247	8	40.0	19	2	AAX22492	Aax22492 Streptomy
3248	8	40.0	19	2	AAT30549	Aat30549 Probe Jla
3249	8	40.0	19	2	AAT06547	Aat06547 Probe A'
3250	8	40.0	19	2	AAT06778	Aat06778 Human alp
3251	8	40.0	19	2	AAT79948	Aat79948 Variant a
3252	8	40.0	19	2	AAT74878	Aat74878 Porcine r
c3253	8	40.0	19	2	AAT96923	Aat96923 Human pRb
c3254	8	40.0	19	2	AAT61271	Aat61271 Beta-acti
3255	8	40.0	19	2	AAT59100	Aat59100 Beta-glob
3256	8	40.0	19	2	AAV22617	Aav22617 Adhalin g
c3257	8	40.0	19	2	AAV57758	Aav57758 Human chr
c3258	8	40.0	19	2	AAV57803	Aav57803 Human chr
c3259	8	40.0	19	2	AAX10017	Aax10017 Human bia
3260	8	40.0	19	2	AAX09828	Aax09828 Human bia
c3261	8	40.0	19	2	AAV54839	Aav54839 Probe IHr
c3262	8	40.0	19	2	AAV56361	Aav56361 Human ICA
c3263	8	40.0	19	2	AAV15957	Aav15957 NBCCS (PT
3264	8	40.0	19	2	AAX32699	Aax32699 Elk PrP D
c3265	8	40.0	19	2	AAZ28052	Aaz28052 Beta-acti
c3266	8	40.0	19	2	AAZ28054	Aaz28054 Beta-acti
3267	8	40.0	19	2	AAX91411	Aax91411 T. gondii
c3268	8	40.0	19	2	AAX36958	Aax36958 S. cereal
c3269	8	40.0	19	2	AAZ23883	Aaz23883 Rye mircr
c3270	8	40.0	19	2	AAV69138	Aav69138 ICAM-R cD
c3271	8	40.0	19	2	AAX21851	Aax21851 Primer fo
c3272	8	40.0	19	2	AAV33920	Aav33920 Antisense
3273	8	40.0	19	2	AAV72061	Aav72061 Plasmid p
c3274	8	40.0	19	3	AAZ36563	Aaz36563 Probe hyb
c3275	8	40.0	19	3	AAZ24275	Aaz24275 Human ICA
c3276	8	40.0	19	3	AAD00248	Aad00248 PCR prime
c3277	8	40.0	19	3	AAA97103	Aaa97103 PCR prime
c3278	8	40.0	19	3	AAA83507	Aaa83507 cdk8 ribo
3279	8	40.0	19	3	AAA84983	Aaa84983 Cyclin G1
3280	8	40.0	19	3	AAA84985	Aaa84985 Cyclin G1
c3281	8	40.0	19	3	AAA83506	Aaa83506 cdk8 ribo
3282	8	40.0	19	3	AAA84982	Aaa84982 Cyclin G1
3283	8	40.0	19	3	AAA84984	Aaa84984 Cyclin G1
3284	8	40.0	19	3	AAA85706	Aaa85706 Cyclin B1
3285	8	40.0	19	3	AAA85707	Aaa85707 Cyclin B1
c3286	8	40.0	19	3	AAA08249	Aaa08249 Human ICA
3287	8	40.0	19	3	AAZ69598	Aaz69598 Human bia
c3288	8	40.0	19	3	AAZ70509	Aaz70509 Human bia
c3289	8	40.0	19	3	AAZ76360	Aaz76360 Human bia
3290	8	40.0	19	3	AAZ72332	Aaz72332 Human bia
3291	8	40.0	19	3	AAZ76531	Aaz76531 Human bia
c3292	8	40.0	19	3	AAZ72346	Aaz72346 Human bia
c3293	8	40.0	19	3	AAA09605	Aaa09605 PCR prime
c3294	8	40.0	19	3	AAA74518	Aaa74518 beta-acti
c3295	8	40.0	19	3	AAA66855	Aaa66855 Dog genom
c3296	8	40.0	19	3	AAA76107	Aaa76107 p27 PCR p
c3297	8	40.0	19	4	AAH27389	Aah27389 PCR prime
c3298	8	40.0	19	4	AAH63151	Aah63151 Shrimp wh
3299	8	40.0	19	4	AAH37941	Aah37941 SNP speci
3300	8	40.0	19	4	AAS42734	Aas42734 Sequencin
c3301	8	40.0	19	4	AAC91940	Aac91940 Human ICA
c3302	8	40.0	19	4	AAD11746	Aad11746 Human AAG
c3303	8	40.0	19	4	AAH77306	Aah77306 IgG Fab-B
3304	8	40.0	19	4	AAF77794	Aaf77794 PCR prime
3305	8	40.0	19	5	AAF32577	Aaf32577 Mule deer

3306	8	40.0	19	5	AAH60147	Aah60147 Cyclin G1
3307	8	40.0	19	5	AAH60144	Aah60144 Cyclin G1
c3308	8	40.0	19	5	AAH58668	Aah58668 Cell-cycl
c3309	8	40.0	19	5	AAH58669	Aah58669 Cell-cycl
3310	8	40.0	19	5	AAH60869	Aah60869 Cyclin B1
3311	8	40.0	19	5	AAH60868	Aah60868 Cyclin B1
3312	8	40.0	19	5	AAH60145	Aah60145 Cyclin G1
3313	8	40.0	19	5	AAH60146	Aah60146 Cyclin G1
3314	8	40.0	19	5	AAA95740	Aaa95740 PKCalpha
c3315	8	40.0	19	5	AAD18548	Aad18548 phh2.rev
c3316	8	40.0	19	6	AAD28988	Aad28988 Bugula pa
c3317	8	40.0	19	6	ABK09292	Abk09292 Intercell
3318	8	40.0	19	6	ABK93731	Abk93731 Human inh
3319	8	40.0	19	6	ABK93674	Abk93674 Human inh
3320	8	40.0	19	6	ABK97177	Abk97177 Beta glob
3321	8	40.0	19	6	AAL48705	Aal48705 Chimeric
3322	8	40.0	19	6	ABL43507	Abl43507 Human chr
3323	8	40.0	19	6	ABL44865	Abl44865 Human chr
3324	8	40.0	19	6	ABL44242	Abl44242 Human chr
3325	8	40.0	19	6	ABL43435	Abl43435 Human chr
3326	8	40.0	19	6	ABL43505	Abl43505 Human chr
c3327	8	40.0	19	6	AAL50077	Aal50077 Beta-acti
c3328	8	40.0	19	6	ABS52987	Abs52987 Human IgE
3329	8	40.0	19	6	ABQ74948	Abq74948 Medane re
3330	8	40.0	19	6	ABQ78784	Abq78784 Nucleotid
c3331	8	40.0	19	6	ABQ78790	Abq78790 Control F
3332	8	40.0	19	6	ABV72617	Abv72617 Mouse Fmn
c3333	8	40.0	19	6	ABK99343	Abk99343 Human CYP
3334	8	40.0	19	8	ABT16464	Abt16464 Human neu
c3335	8	40.0	19	9	ADA26056	Ada26056 Human REL
3336	8	40.0	19	9	ADA25707	Ada25707 Human REL
c3337	8	40.0	19	9	ADA25692	Ada25692 Human REL
3338	8	40.0	19	9	ADA26041	Ada26041 Human REL
3339	8	40.0	19	9	AAD58041	Aad58041 D. dehalo
3340	8	40.0	19	9	AAL60786	Aal60786 Human HNF
3341	8	40.0	19	9	ADA25409	Ada25409 Human PKC
c3342	8	40.0	19	9	ADA25284	Ada25284 Human PKC
3343	8	40.0	19	10	ACF36219	Acf36219 Porcine G
c3344	8	40.0	19	10	ADA08258	Ada08258 Human bet
3345	8	40.0	19	10	ADC64398	Adc64398 TbetaR1 o
c3346	8	40.0	19	10	ADE28923	Ade28923 Reverse A
3347	8	40.0	19	10	ADE29817	Ade29817 Mitogen a
c3348	8	40.0	19	10	ADE29712	Ade29712 Mitogen a
3349	8	40.0	19	10	ADF37658	Adf37658 Human VEG
c3350	8	40.0	19	10	ADF37411	Adf37411 Human VEG
3351	8	40.0	19	10	ADF48307	Adf48307 Human Myb
3352	8	40.0	19	10	ADF48292	Adf48292 Human Myb
3353	8	40.0	19	10	ADF47923	Adf47923 Human Myc
c3354	8	40.0	19	10	ADF48041	Adf48041 Human Myc
c3355	8	40.0	19	10	ADF48113	Adf48113 Human Myb
c3356	8	40.0	19	10	ADF48128	Adf48128 Human Myb
3357	8	40.0	19	10	ADF49369	Adf49369 Human BCL
3358	8	40.0	19	10	ADF49986	Adf49986 Human BCL
c3359	8	40.0	19	10	ADF49572	Adf49572 Human BCL
c3360	8	40.0	19	10	ADF49783	Adf49783 Human BCL
3361	8	40.0	19	10	ADF69468	Adf69468 Tapesia y
3362	8	40.0	19	10	ADF53714	Adf53714 Multiple
3363	8	40.0	19	10	ADF54204	Adf54204 Human GAB
c3364	8	40.0	19	10	ADF54037	Adf54037 Human GAB
c3365	8	40.0	19	10	ADF54540	Adf54540 Human GAB
3366	8	40.0	19	10	ADF54048	Adf54048 Human GAB
3367	8	40.0	19	10	ADF54373	Adf54373 Human GAB
3368	8	40.0	19	10	AAD62843	Aad62843 Mouse for
c3369	8	40.0	19	10	ADF44879	Adf44879 Internal
c3370	8	40.0	19	10	ADF18453	Adf18453 Leukaemia
c3371	8	40.0	19	10	ADF18461	Adf18461 Leukaemia
c3372	8	40.0	19	10	ADF18457	Adf18457 Leukaemia
c3373	8	40.0	19	10	ADF75728	Adf75728 Antisense
3374	8	40.0	19	10	ADF75508	Adf75508 Sense siN
c3375	8	40.0	19	10	ADF75693	Adf75693 Antisense
3376	8	40.0	19	10	ADF75543	Adf75543 Sense siN
c3377	8	40.0	19	10	ADG25669	Adg25669 Human ICA
c3378	8	40.0	19	10	ADG38527	Adg38527 Human gen
c3379	8	40.0	19	10	ADF92808	Adf92808 Human EZH
c3380	8	40.0	19	10	ADF92961	Adf92961 Human EZH
3381	8	40.0	19	10	ADF92813	Adf92813 Human EZH
3382	8	40.0	19	10	ADF92956	Adf92956 Human EZH
c3383	8	40.0	19	10	ADF84217	Adf84217 Human bre
3384	8	40.0	19	10	ADF84029	Adf84029 Human bre
3385	8	40.0	19	10	ADF84059	Adf84059 Human bre
c3386	8	40.0	19	10	ADF84299	Adf84299 Human ABL
c3387	8	40.0	19	10	ADF84085	Adf84085 Human bre
3388	8	40.0	19	10	ADF83954	Adf83954 Human bre
3389	8	40.0	19	10	ADF84152	Adf84152 Human bre
c3390	8	40.0	19	10	ADF83796	Adf83796 Human bre
3391	8	40.0	19	10	ADF84618	Adf84618 Human ABL
c3392	8	40.0	19	10	ADF84850	Adf84850 Human ABL
c3393	8	40.0	19	10	ADF83766	Adf83766 Human bre
c3394	8	40.0	19	10	ADF83889	Adf83889 Human bre
3395	8	40.0	19	10	ADF83822	Adf83822 Human bre
3396	8	40.0	19	10	ADF84531	Adf84531 Human ABL
3397	8	40.0	19	10	ADG17336	Adg17336 T. gondii
3398	8	40.0	19	10	ADG35015	Adg35015 Human TNF
c3399	8	40.0	19	10	ADG34892	Adg34892 Human TNF
c3400	8	40.0	19	10	AAL56094	Aal56094 Human bet
c3401	8	40.0	19	10	ABZ69328	Abz69328 Human SLC
3402	8	40.0	19	10	ACC79686	Acc79686 Human fib
c3403	8	40.0	19	10	ADK71581	Adk71581 Drug-tole
c3404	8	40.0	19	10	ADJ66301	Adj66301 Human TGF
3405	8	40.0	19	10	ADJ66173	Adj66173 Human TGF
c3406	8	40.0	19	11	ADL69958	Adl69958 Human GIP
3407	8	40.0	19	11	ADL70071	Adl70071 Human GIP
c3408	8	40.0	19	11	ADL79762	Adl79762 Human HER
3409	8	40.0	19	11	ADL79453	Adl79453 Human HER
c3410	8	40.0	19	11	ADL79861	Adl79861 Human HER
3411	8	40.0	19	11	ADL78924	Adl78924 Human HER
c3412	8	40.0	19	11	ADL79760	Adl79760 Human HER
c3413	8	40.0	19	11	ADL79102	Adl79102 Human HER
c3414	8	40.0	19	11	ADL79173	Adl79173 Human HER
3415	8	40.0	19	11	ADL78853	Adl78853 Human HER
3416	8	40.0	19	11	ADL79455	Adl79455 Human HER
3417	8	40.0	19	11	ADL79554	Adl79554 Human HER
3418	8	40.0	19	11	ADL61762	Adl61762 PCR prime
c3419	8	40.0	19	11	ADO14737	Ado14737 Human PDG
3420	8	40.0	19	11	ADO14933	Ado14933 Human PDG
3421	8	40.0	19	11	ADO15048	Ado15048 Human PDG
c3422	8	40.0	19	11	ADO14622	Ado14622 Human PDG
3423	8	40.0	19	12	ADF92261	Adf92261 Human cyt
3424	8	40.0	19	12	ADG46780	Adg46780 GUS cDNA
3425	8	40.0	19	12	ADH01626	Adh01626 Protein t
3426	8	40.0	19	12	ADI04174	Adi04174 Chlamydom
c3427	8	40.0	19	12	ADK15302	Adk15302 Human NGA
3428	8	40.0	19	12	ADK98408	Adk98408 Primer of
3429	8	40.0	19	12	ADK13867	Adk13867 PCR prime
c3430	8	40.0	19	12	ADK67535	Adk67535 Transform
c3431	8	40.0	19	12	ADM32248	Adm32248 Human int
3432	8	40.0	19	12	ADK43481	Adk43481 Porcine r
c3433	8	40.0	19	12	ADK40301	Adk40301 Human HNF
3434	8	40.0	19	12	ADM69543	Adm69543 Plant gen
3435	8	40.0	19	12	ADM69497	Adm69497 Plant gen
3436	8	40.0	19	12	ADM69542	Adm69542 Plant gen
3437	8	40.0	19	12	ADM70256	Adm70256 Plant gen
c3438	8	40.0	19	12	ADK52464	Adk52464 Primer #4
3439	8	40.0	19	12	ADM72553	Adm72553 UGT1A7 ge
3440	8	40.0	19	12	ADN27835	Adn27835 Sickle ce
c3441	8	40.0	19	12	ADM93668	Adm93668 Human NOV
c3442	8	40.0	19	12	ADN96848	Adn96848 PCR prime
3443	8	40.0	19	12	ADN75458	Adn75458 Human CDC
3444	8	40.0	19	12	ADN75204	Adn75204 cdc14a.1
c3445	8	40.0	19	12	ADN75205	Adn75205 cdc14a.1
c3446	8	40.0	19	12	ADM79157	Adm79157 Human del
3447	8	40.0	19	12	ADO18275	Ado18275 Analytica
3448	8	40.0	19	12	ADO18690	Ado18690 Analytica
3449	8	40.0	19	12	ADO18710	Ado18710 Analytica
3450	8	40.0	19	12	ADO18721	Ado18721 Analytica
3451	8	40.0	19	12	ADO18452	Ado18452 Analytica

3452	8	40.0	19	12	ADO18472	Ado18472	Analytica
c3453	8	40.0	19	12	ADP10817	Adp10817	Set 1 lef
c3454	8	40.0	19	12	ADQ62286	Adq62286	Anti-MAP2
c3455	8	40.0	19	12	ADQ62459	Adq62459	Anti-NUMA
c3456	8	40.0	19	12	ADQ61084	Adq61084	Anti-LCK
c3457	8	40.0	19	12	ADQ60934	Adq60934	Anti-DDR1
c3458	8	40.0	19	12	ADQ62201	Adq62201	Anti-PAK4
c3459	8	40.0	19	12	ADQ60957	Adq60957	Anti-EPHA
c3460	8	40.0	19	12	ADQ61998	Adq61998	Anti-CASP
c3461	8	40.0	19	12	ADQ60988	Adq60988	Anti-EPHB
c3462	8	40.0	19	12	ADQ61366	Adq61366	Anti-CDK2
3463	8	40.0	19	13	ADR87849	Adr87849	Probe use
c3464	8	40.0	19	13	ADR19766	Adr19766	HCMV UL54
3465	8	40.0	19	13	ADR78975	Adr78975	Human apo
3466	8	40.0	19	13	ADR81503	Adr81503	Hepatitis
3467	8	40.0	19	13	ADR76358	Adr76358	Human apo
c3468	8	40.0	19	13	ADR81614	Adr81614	Hepatitis
3469	8	40.0	19	13	ADR75662	Adr75662	Human apo
3470	8	40.0	19	13	ADR77137	Adr77137	Human apo
3471	8	40.0	19	13	ADR77223	Adr77223	Human apo
3472	8	40.0	19	13	ADR79404	Adr79404	Human apo
3473	8	40.0	19	13	ADR79617	Adr79617	Human apo
3474	8	40.0	19	13	ADR76673	Adr76673	Human apo
3475	8	40.0	19	13	ADR77769	Adr77769	Human apo
3476	8	40.0	19	13	ADR78974	Adr78974	Human apo
3477	8	40.0	19	13	ADR80167	Adr80167	Human apo
3478	8	40.0	19	13	ADR81504	Adr81504	Hepatitis
c3479	8	40.0	19	13	ADR80386	Adr80386	Human apo
c3480	8	40.0	19	13	ADR80482	Adr80482	Human apo
c3481	8	40.0	19	13	ADR81017	Adr81017	Human bet
c3482	8	40.0	19	13	ADR78080	Adr78080	Human apo
3483	8	40.0	19	13	ADR78976	Adr78976	Human apo
3484	8	40.0	19	13	ADR76356	Adr76356	Human apo
c3485	8	40.0	19	13	ADR77442	Adr77442	Human apo
3486	8	40.0	19	13	ADR78280	Adr78280	Human apo
3487	8	40.0	19	13	ADR80081	Adr80081	Human apo
c3488	8	40.0	19	13	ADR80738	Adr80738	Human apo
c3489	8	40.0	19	13	ADR81613	Adr81613	Hepatitis
3490	8	40.0	19	13	ADR78977	Adr78977	Human apo
c3491	8	40.0	19	13	ADR80853	Adr80853	Human glu
c3492	8	40.0	19	13	ADR77938	Adr77938	Human apo
c3493	8	40.0	19	13	ADR80973	Adr80973	Rat gluco
3494	8	40.0	19	13	ADR76359	Adr76359	Human apo
c3495	8	40.0	19	13	ADR80596	Adr80596	Human apo
3496	8	40.0	19	13	ADR76357	Adr76357	Human apo
c3497	8	40.0	19	13	ADT00241	Adt00241	Novel mut
3498	8	40.0	19	13	ADS18005	Ads18005	HIV-1 DIS
3499	8	40.0	19	13	ADS73436	Ads73436	Swine ret
c3500	8	40.0	20	2	AAQ03933	Aaq03933	HPV11 typ
c3501	8	40.0	20	2	AAQ04045	Aaq04045	DNA probe
c3502	8	40.0	20	2	AAQ13170	Aaq13170	Primer #3
3503	8	40.0	20	2	AAQ15223	Aaq15223	HIV virus
c3504	8	40.0	20	2	AAQ23781	Aaq23781	Herpesvir
3505	8	40.0	20	2	AAQ22923	Aaq22923	HCV-Hc59
3506	8	40.0	20	2	AAQ56488	Aaq56488	PCR prime
c3507	8	40.0	20	2	AAQ56455	Aaq56455	E6 amplif
c3508	8	40.0	20	2	AAQ73676	Aaq73676	Primer MO
c3509	8	40.0	20	2	AAQ64097	Aaq64097	Mycobacte
3510	8	40.0	20	2	AAQ98023	Aaq98023	PNA oligo
c3511	8	40.0	20	2	AAQ91530	Aaq91530	Dopamine
3512	8	40.0	20	2	AAT41378	Aat41378	Human gen
c3513	8	40.0	20	2	AAT08229	Aat08229	p193, PCR
c3514	8	40.0	20	2	AAQ95699	Aaq95699	Primer A
c3515	8	40.0	20	2	AAQ95827	Aaq95827	Primer B
3516	8	40.0	20	2	AAQ81019	Aaq81019	Antisense
c3517	8	40.0	20	2	AAQ84213	Aaq84213	PKC-eta c
c3518	8	40.0	20	2	AAX34347	Aax34347	Thiono-tr
3519	8	40.0	20	2	AAX34346	Aax34346	Thiono-tr
3520	8	40.0	20	2	AAT28459	Aat28459	P. mirabi
c3521	8	40.0	20	2	AAT18452	Aat18452	5' primer
c3522	8	40.0	20	2	AAT37918	Aat37918	Reverse p
c3523	8	40.0	20	2	AAT17121	Aat17121	Primer 34
3524	8	40.0	20	2	AAT44554	Aat44554	Primer fo
c3525	8	40.0	20	2	AAT44842	Aat44842	HPV typin
c3526	8	40.0	20	2	AAT10191	Aat10191	Alkaline
c3527	8	40.0	20	2	AAT39875	Aat39875	Primer MB
3528	8	40.0	20	2	AAT07089	Aat07089	UL36 I/X
c3529	8	40.0	20	2	AAV01207	Aav01207	ABL proto
c3530	8	40.0	20	2	AAT64842	Aat64842	Fusarium
3531	8	40.0	20	2	AAT90842	Aat90842	Anti-cyto
3532	8	40.0	20	2	AAT90841	Aat90841	Anti-cyto
3533	8	40.0	20	2	AAT61873	Aat61873	Human pot
3534	8	40.0	20	2	AAT13875	Aat13875	Human K-A
c3535	8	40.0	20	2	AAT69682	Aat69682	Granzyme
c3536	8	40.0	20	2	AAT77939	Aat77939	Human pap
3537	8	40.0	20	2	AAX83303	Aax83303	Breast ca
c3538	8	40.0	20	2	AAT59708	Aat59708	PCR prime
c3539	8	40.0	20	2	AAT74304	Aat74304	Humicola
c3540	8	40.0	20	2	AAV41148	Aav41148	CAPL ribo
c3541	8	40.0	20	2	AAV41149	Aav41149	CAPL ribo
c3542	8	40.0	20	2	AAV10626	Aav10626	Human gly
3543	8	40.0	20	2	AAV03478	Aav03478	Tetraplex
3544	8	40.0	20	2	AAV03483	Aav03483	Tetraplex
3545	8	40.0	20	2	AAV03477	Aav03477	Tetraplex
3546	8	40.0	20	2	AAV03481	Aav03481	Tetraplex
3547	8	40.0	20	2	AAV03482	Aav03482	Tetraplex
3548	8	40.0	20	2	AAV03473	Aav03473	Tetraplex
3549	8	40.0	20	2	AAV03476	Aav03476	Tetraplex
3550	8	40.0	20	2	AAV03480	Aav03480	Tetraplex
3551	8	40.0	20	2	AAV03485	Aav03485	Tetraplex
3552	8	40.0	20	2	AAV03479	Aav03479	Tetraplex
3553	8	40.0	20	2	AAV03474	Aav03474	Tetraplex
3554	8	40.0	20	2	AAV03475	Aav03475	Tetraplex
c3555	8	40.0	20	2	AAV43093	Aav43093	Primer BT
c3556	8	40.0	20	2	AAV85738	Aav85738	LRP5 exon
3557	8	40.0	20	2	AAV04292	Aav04292	Primer MR
c3558	8	40.0	20	2	AAV47641	Aav47641	VEGF-B se
3559	8	40.0	20	2	AAV15185	Aav15185	Human seq
c3560	8	40.0	20	2	AAV26663	Aav26663	Human PS1
3561	8	40.0	20	2	AAV70330	Aav70330	CMV gene
3562	8	40.0	20	2	AAV69062	Aav69062	Human bre
c3563	8	40.0	20	2	AAV32006	Aav32006	Flax SAD
c3564	8	40.0	20	2	AAV27774	Aav27774	Monamine
c3565	8	40.0	20	2	AAV40349	Aav40349	Maize oli
c3566	8	40.0	20	2	AAV17444	Aav17444	Probe WD7
c3567	8	40.0	20	2	AAV40671	Aav40671	Primer fo
c3568	8	40.0	20	2	AAV40667	Aav40667	Primer NO
3569	8	40.0	20	2	AAV28252	Aav28252	Antisense
c3570	8	40.0	20	2	AAV57579	Aav57579	Mycobacte
3571	8	40.0	20	2	AAX90360	Aax90360	Human p53
3572	8	40.0	20	2	AAX15303	Aax15303	PCR prime
c3573	8	40.0	20	2	AAX05986	Aax05986	MAPK kina
3574	8	40.0	20	2	AAZ18098	Aaz18098	PTK 4 gen
3575	8	40.0	20	2	AAZ20376	Aaz20376	PCR prime
c3576	8	40.0	20	2	AAX22616	Aax22616	Human pro
3577	8	40.0	20	2	AAX32274	Aax32274	Human nuc
3578	8	40.0	20	2	AAZ31302	Aaz31302	CCR5 gene
3579	8	40.0	20	2	AAX54352	Aax54352	NK-kB ant
c3580	8	40.0	20	2	AAX37106	Aax37106	FMF assoc
c3581	8	40.0	20	2	AAX78578	Aax78578	Human PKC
c3582	8	40.0	20	2	AAX87306	Aax87306	PRO509 re
3583	8	40.0	20	2	AAV64441	Aav64441	Mouse ada
3584	8	40.0	20	2	AAX90388	Aax90388	Human p53
3585	8	40.0	20	2	AAX90374	Aax90374	Human p53
c3586	8	40.0	20	2	AAZ21808	Aaz21808	Exemplary
c3587	8	40.0	20	2	AAZ21814	Aaz21814	Exemplary
3588	8	40.0	20	2	AAZ03158	Aaz03158	PCR prime
3589	8	40.0	20	2	AAZ04653	Aaz04653	PCR prime
3590	8	40.0	20	2	AAZ04880	Aaz04880	PCR prime
3591	8	40.0	20	2	AAZ05967	Aaz05967	PCR prime
3592	8	40.0	20	2	AAZ02146	Aaz02146	PCR prime
3593	8	40.0	20	2	AAZ02184	Aaz02184	PCR prime
3594	8	40.0	20	2	AAZ02745	Aaz02745	PCR prime
3595	8	40.0	20	2	AAZ02189	Aaz02189	PCR prime
c3596	8	40.0	20	2	AAZ04741	Aaz04741	PCR prime
c3597	8	40.0	20	2	AAZ05553	Aaz05553	PCR prime

3598	8	40.0	20	2	AAZ03912	Aaz03912	PCR prime		3671	8	40.0	20	3	AAZ39095	Aaz39095	Human mcl
c3599	8	40.0	20	2	AAZ04375	Aaz04375	PCR prime		3672	8	40.0	20	3	AAZ39102	Aaz39102	Human mcl
c3600	8	40.0	20	2	AAZ01858	Aaz01858	PCR prime		3673	8	40.0	20	3	AAZ70647	Aaz70647	Human bia
c3601	8	40.0	20	2	AAZ02016	Aaz02016	PCR prime		3674	8	40.0	20	3	AAZ72380	Aaz72380	Human bia
c3602	8	40.0	20	2	AAZ03657	Aaz03657	PCR prime		c3675	8	40.0	20	3	AAZ77188	Aaz77188	Human bia
3603	8	40.0	20	2	AAZ02971	Aaz02971	PCR prime		c3676	8	40.0	20	3	AAZ70735	Aaz70735	Human bia
3604	8	40.0	20	2	AAZ02984	Aaz02984	PCR prime		3677	8	40.0	20	3	AAZ71383	Aaz71383	Human bia
3605	8	40.0	20	2	AAZ01502	Aaz01502	PCR prime		c3678	8	40.0	20	3	AAA79863	Aaa79863	Hepatitis
3606	8	40.0	20	2	AAZ01663	Aaz01663	PCR prime		3679	8	40.0	20	3	AAF22266	Aaf22266	Arabidops
3607	8	40.0	20	2	AAZ05992	Aaz05992	PCR prime		3680	8	40.0	20	3	AAZ49380	Aaz49380	HCMV targ
3608	8	40.0	20	2	AAZ06140	Aaz06140	PCR prime		c3681	8	40.0	20	3	AAA93150	Aaa93150	Clone vq1
3609	8	40.0	20	2	AAZ03255	Aaz03255	PCR prime		3682	8	40.0	20	3	AAF19918	Aaf19918	Human NF-
3610	8	40.0	20	2	AAZ01841	Aaz01841	PCR prime		3683	8	40.0	20	3	AAA09809	Aaa09809	Human nuc
c3611	8	40.0	20	2	AAZ04737	Aaz04737	PCR prime		c3684	8	40.0	20	3	AAZ87133	Aaz87133	Human TRA
c3612	8	40.0	20	2	AAZ03398	Aaz03398	PCR prime		c3685	8	40.0	20	3	AAZ89214	Aaz89214	Human cyt
3613	8	40.0	20	2	AAZ04408	Aaz04408	PCR prime		c3686	8	40.0	20	3	AAA75033	Aaa75033	PCR prime
c3614	8	40.0	20	2	AAZ02765	Aaz02765	PCR prime		3687	8	40.0	20	3	AAA90832	Aaa90832	Ribonucle
c3615	8	40.0	20	2	AAZ05484	Aaz05484	PCR prime		3688	8	40.0	20	3	AAA96824	Aaa96824	Primer us
3616	8	40.0	20	2	AAX00538	Aax00538	Antisense		3689	8	40.0	20	3	AAA66694	Aaa66694	Dog genom
3617	8	40.0	20	2	AAX57782	Aax57782	Oligonucl		3690	8	40.0	20	3	AAA66708	Aaa66708	Dog genom
c3618	8	40.0	20	2	AAX57779	Aax57779	Oligonucl		c3691	8	40.0	20	3	AAA66884	Aaa66884	Dog genom
3619	8	40.0	20	2	AAX18790	Aax18790	Target cy		3692	8	40.0	20	3	AAC62437	Aac62437	Serine/th
3620	8	40.0	20	2	AAV82758	Aav82758	PCR prime		c3693	8	40.0	20	3	AAC62434	Aac62434	Serine/th
c3621	8	40.0	20	2	AAX83687	Aax83687	Human pro		3694	8	40.0	20	3	AAA64908	Aaa64908	Antisense
c3622	8	40.0	20	2	AAX17703	Aax17703	Antisense		c3695	8	40.0	20	3	AAA46974	Aaa46974	Probe use
c3623	8	40.0	20	2	AAX17704	Aax17704	Antisense		c3696	8	40.0	20	3	AAA73597	Aaa73597	Forward P
c3624	8	40.0	20	2	AAX16304	Aax16304	Human del		c3697	8	40.0	20	3	AAA76102	Aaa76102	c-myc PCR
3625	8	40.0	20	2	AAX23553	Aax23553	Deletion		c3698	8	40.0	20	3	AAA63627	Aaa63627	PCR prime
3626	8	40.0	20	2	AAX23669	Aax23669	Deletion		c3699	8	40.0	20	4	AAC83576	Aac83576	Human FMR
c3627	8	40.0	20	2	AAX93756	Aax93756	PCR prime		3700	8	40.0	20	4	AAF24505	Aaf24505	Primer us
c3628	8	40.0	20	2	AAX94198	Aax94198	PCR prime		c3701	8	40.0	20	4	AAA91236	Aaa91236	Antisense
3629	8	40.0	20	2	AAX94249	Aax94249	PCR prime		c3702	8	40.0	20	4	AAK95020	Aak95020	Human cDN
c3630	8	40.0	20	2	AAX92196	Aax92196	PCR prime		3703	8	40.0	20	4	AAK95276	Aak95276	Neureguli
c3631	8	40.0	20	2	AAX92189	Aax92189	PCR prime		c3704	8	40.0	20	4	AAD11532	Aad11532	Human gly
c3632	8	40.0	20	2	AAX93184	Aax93184	PCR prime		3705	8	40.0	20	4	AAD11320	Aad11320	Human cot
c3633	8	40.0	20	2	AAX92744	Aax92744	PCR prime		3706	8	40.0	20	4	AAS45642	Aas45642	Human PAR
c3634	8	40.0	20	2	AAX94876	Aax94876	PCR prime		3707	8	40.0	20	4	AAS45874	Aas45874	Human PAR
c3635	8	40.0	20	2	AAX92682	Aax92682	PCR prime		3708	8	40.0	20	4	AAC81358	Aac81358	Human Y-b
3636	8	40.0	20	2	AAX93140	Aax93140	PCR prime		3709	8	40.0	20	4	AAC92759	Aac92759	Human hnR
c3637	8	40.0	20	2	AAX93531	Aax93531	PCR prime		c3710	8	40.0	20	4	AAC92835	Aac92835	Human PI3
3638	8	40.0	20	2	AAX93661	Aax93661	PCR prime		3711	8	40.0	20	4	AAF29979	Aaf29979	Primer #1
c3639	8	40.0	20	2	AAX93696	Aax93696	PCR prime		c3712	8	40.0	20	4	AAF55944	Aaf55944	Human euk
3640	8	40.0	20	2	AAX93137	Aax93137	PCR prime		c3713	8	40.0	20	4	AAH22150	Aah22150	Human chr
c3641	8	40.0	20	2	AAX94206	Aax94206	PCR prime		3714	8	40.0	20	4	AAH56999	Aah56999	Human oes
3642	8	40.0	20	2	AAX93710	Aax93710	PCR prime		3715	8	40.0	20	4	AAH57007	Aah57007	Human oes
c3643	8	40.0	20	2	AAX94883	Aax94883	PCR prime		3716	8	40.0	20	4	ABA76958	Aba76958	Proteus m
c3644	8	40.0	20	2	AAX94920	Aax94920	PCR prime		3717	8	40.0	20	4	ABZ80677	Abz80677	Beagle do
3645	8	40.0	20	2	AAX95034	Aax95034	PCR prime		3718	8	40.0	20	4	AAH77766	Aah77766	PCR prime
3646	8	40.0	20	2	AAX95807	Aax95807	PCR prime		3719	8	40.0	20	4	AAH77768	Aah77768	PCR prime
c3647	8	40.0	20	2	AAX15575	Aax15575	PCR prime		c3720	8	40.0	20	4	AAF83794	Aaf83794	Yellow fe
c3648	8	40.0	20	2	AAX19181	Aax19181	Human PKC		3721	8	40.0	20	4	AAH73498	Aah73498	Human dep
c3649	8	40.0	20	2	AAV63572	Aav63572	Reverse P		3722	8	40.0	20	4	AAH25808	Aah25808	Human iba
c3650	8	40.0	20	2	AAX60012	Aax60012	Human pro		3723	8	40.0	20	4	AAF59844	Aaf59844	Human pro
3651	8	40.0	20	2	AAX60015	Aax60015	Human pro		3724	8	40.0	20	4	AAF77812	Aaf77812	Antisense
c3652	8	40.0	20	2	AAZ27320	Aaz27320	Human pro		3725	8	40.0	20	4	AAH24610	Aah24610	Human end
3653	8	40.0	20	3	AAZ86693	Aaz86693	Antisense		3726	8	40.0	20	4	AAH28001	Aah28001	PCR prime
c3654	8	40.0	20	3	AAZ48070	Aaz48070	Human IGF		3727	8	40.0	20	4	AAH78664	Aah78664	Pseudorab
3655	8	40.0	20	3	AAA33796	Aaa33796	Low adeno		3728	8	40.0	20	4	AAH78663	Aah78663	Pseudorab
3656	8	40.0	20	3	AAZ99541	Aaz99541	Primer fo		3729	8	40.0	20	4	AAC83191	Aac83191	PCR prime
3657	8	40.0	20	3	AAZ31426	Aaz31426	HCV nonco		3730	8	40.0	20	4	AAC92618	Aac92618	Human nuc
3658	8	40.0	20	3	AAZ31421	Aaz31421	Unlabelle		c3731	8	40.0	20	4	AAF60563	Aaf60563	Neuramini
c3659	8	40.0	20	3	AAA53330	Aaa53330	Reverse P		c3732	8	40.0	20	4	AAS15249	Aas15249	Mouse GFA
3660	8	40.0	20	3	AAA55541	Aaa55541	TRAF2 ant		c3733	8	40.0	20	4	AAS15255	Aas15255	Mouse TNF
3661	8	40.0	20	3	AAA40859	Aaa40859	Human TNF		c3734	8	40.0	20	4	AAF62949	Aaf62949	Mouse PEP
c3662	8	40.0	20	3	AAZ88495	Aaz88495	Oligonucl		3735	8	40.0	20	4	AAF62920	Aaf62920	Human PEP
c3663	8	40.0	20	3	AAA61680	Aaa61680	Mouse BSS		3736	8	40.0	20	4	AAC83786	Aac83786	Staphyloc
3664	8	40.0	20	3	AAA61497	Aaa61497	Pseudorab		c3737	8	40.0	20	4	AAH20601	Aah20601	Human MTR
3665	8	40.0	20	3	AAA61498	Aaa61498	Pseudorab		3738	8	40.0	20	4	AAC84110	Aac84110	Human alp
c3666	8	40.0	20	3	AAZ48271	Aaz48271	NA gene s		3739	8	40.0	20	4	AAF25890	Aaf25890	Human c-s
3667	8	40.0	20	3	AAZ47913	Aaz47913	E-cadheri		3740	8	40.0	20	4	AAS03670	Aas03670	PCR prime
c3668	8	40.0	20	3	AAA74961	Aaa74961	PCR prime		c3741	8	40.0	20	4	AAD12002	Aad12002	Human PTP
3669	8	40.0	20	3	AAC80826	Aac80826	Human bre		c3742	8	40.0	20	4	AAD12174	Aad12174	Rat PTP1B
c3670	8	40.0	20	3	AAA37977	Aaa37977	PCR prime		c3743	8	40.0	20	4	AAF87055	Aaf87055	PCR prime

3744	8	40.0	20	4	AAH48602	Aah48602 Human fas
3745	8	40.0	20	4	AAK96769	Aak96769 Neureguli
3746	8	40.0	20	4	AAH78444	Aah78444 PCR prime
3747	8	40.0	20	4	AAI66645	Aai66645 Nucleotid
3748	8	40.0	20	4	AAF27106	Aaf27106 Human MEK
3749	8	40.0	20	4	AAH26069	Aah26069 Human NK-
c3750	8	40.0	20	4	AAF75750	Aaf75750 PCR prime
3751	8	40.0	20	4	AAF98180	Aaf98180 Human IGE
3752	8	40.0	20	4	AAH76229	Aah76229 Human int
3753	8	40.0	20	5	AAH41534	Aah41534 Rit1 rela
3754	8	40.0	20	5	AAH41520	Aah41520 Rit1 rela
3755	8	40.0	20	5	AAS09881	Aas09881 Probe #1
3756	8	40.0	20	5	AAF86715	Aaf86715 Human cyt
c3757	8	40.0	20	5	AAF84223	Aaf84223 Probe D u
c3758	8	40.0	20	5	AAH46627	Aah46627 Pectinatu
c3759	8	40.0	20	5	AAD12413	Aad12413 Mouse cas
c3760	8	40.0	20	5	AAD12412	Aad12412 Mouse cas
3761	8	40.0	20	5	AAD12362	Aad12362 Human cas
c3762	8	40.0	20	5	AAF59289	Aaf59289 Human hHD
c3763	8	40.0	20	5	AAF56419	Aaf56419 Neisseria
c3764	8	40.0	20	5	AAF57887	Aaf57887 NosR1 PCR
3765	8	40.0	20	5	AAF87795	Aaf87795 HIV tat p
3766	8	40.0	20	6	ABA81764	Aba81764 PCR prime
3767	8	40.0	20	6	ABA00425	Aba00425 Antisense
c3768	8	40.0	20	6	AAI72387	Aai72387 Secretin
c3769	8	40.0	20	6	ABQ65269	Abq65269 Human gen
c3770	8	40.0	20	6	ABQ65361	Abq65361 Human gen
3771	8	40.0	20	6	AAD41534	Aad41534 G6PD gene
c3772	8	40.0	20	6	ABK33199	Abk33199 Human vas
3773	8	40.0	20	6	ABN74912	Abn74912 Mouse cas
c3774	8	40.0	20	6	AAD36650	Aad36650 Human Her
c3775	8	40.0	20	6	ABL52414	Abl52414 Mouse FLI
c3776	8	40.0	20	6	AAD38128	Aad38128 Human BCA
3777	8	40.0	20	6	ABZ21957	Abz21957 Human API
3778	8	40.0	20	6	AAS97704	Aas97704 Murine SA
3779	8	40.0	20	6	AAS97499	Aas97499 Murine SA
3780	8	40.0	20	6	AAS99672	Aas99672 Breast tu
c3781	8	40.0	20	6	AAD30654	Aad30654 Human bet
3782	8	40.0	20	6	ABL42239	Abl42239 PCR prime
3783	8	40.0	20	6	ABT00046	Abt00046 Human neu
c3784	8	40.0	20	6	ABN89269	Abn89269 Human Tal
c3785	8	40.0	20	6	AAD38672	Aad38672 Human and
3786	8	40.0	20	6	ABX14629	Abx14629 Human lip
c3787	8	40.0	20	6	ABK34057	Abk34057 Human APO
c3788	8	40.0	20	6	ABK34149	Abk34149 Human OAT
c3789	8	40.0	20	6	ABQ93185	Abq93185 T. tausch
c3790	8	40.0	20	6	ABQ93021	Abq93021 T. tausch
3791	8	40.0	20	6	ABN86471	Abn86471 Human MMP
c3792	8	40.0	20	6	ABV73223	Abv73223 hTERT gen
3793	8	40.0	20	6	ABV73206	Abv73206 Albumin g
3794	8	40.0	20	6	ABL52824	Abl52824 Light-con
3795	8	40.0	20	6	ABK68294	Abk68294 Mouse HYP
c3796	8	40.0	20	6	ABK85077	Abk85077 Human PTP
3797	8	40.0	20	6	ABK85318	Abk85318 Human PTP
c3798	8	40.0	20	6	ABK85249	Abk85249 Rat PTPB1
c3799	8	40.0	20	6	ABK85319	Abk85319 Human PTP
c3800	8	40.0	20	6	ABL90908	Abl90908 Human pro
c3801	8	40.0	20	6	ABK50371	Abk50371 Mouse Pol
c3802	8	40.0	20	6	ABN90001	Abn90001 Real-time
3803	8	40.0	20	6	ABQ72941	Abq72941 Caiman cr
3804	8	40.0	20	6	ABS67688	Abs67688 Casein ki
c3805	8	40.0	20	6	ABA02199	Aba02199 Mouse C/E
c3806	8	40.0	20	6	ABL45004	Abl45004 Human chr
c3807	8	40.0	20	6	ABL43123	Abl43123 Human chr
3808	8	40.0	20	6	ABK46716	Abk46716 Human bre
3809	8	40.0	20	6	ABK70805	Abk70805 Human TSP
c3810	8	40.0	20	6	ABT04393	Abt04393 Human G-p
3811	8	40.0	20	6	ABS52079	Abs52079 Mouse CCR
c3812	8	40.0	20	6	ABV72253	Abv72253 Antisense
c3813	8	40.0	20	6	ABT13900	Abt13900 Human hel
c3814	8	40.0	20	6	ABK44387	Abk44387 Human onc
3815	8	40.0	20	6	AAD30210	Aad30210 Human UGT
c3816	8	40.0	20	6	ABK37418	Abk37418 Rat PTP1B
c3817	8	40.0	20	6	ABK37246	Abk37246 Human PTP
3818	8	40.0	20	6	ABQ76138	Abq76138 Rhodococc
c3819	8	40.0	20	6	ABT06469	Abt06469 NES-1 gen
c3820	8	40.0	20	6	ABT06470	Abt06470 NES-1 gen
c3821	8	40.0	20	6	ABT06521	Abt06521 Human NES
3822	8	40.0	20	6	ABL58290	Abl58290 Human GLU
3823	8	40.0	20	6	ABZ30689	Abz30689 Candida a
c3824	8	40.0	20	6	ABZ30131	Abz30131 Candida a
3825	8	40.0	20	6	ABT01539	Abt01539 Human neu
3826	8	40.0	20	6	ABK29030	Abk29030 Absidia c
c3827	8	40.0	20	6	ABS66036	Abs66036 Escherich
3828	8	40.0	20	6	ABQ81329	Abq81329 Keratinoc
c3829	8	40.0	20	6	AAS16635	Aas16635 Human Inh
3830	8	40.0	20	6	AAS16662	Aas16662 Human Inh
c3831	8	40.0	20	6	ABK27995	Abk27995 Human APO
c3832	8	40.0	20	6	ABK28087	Abk28087 Human OAT
c3833	8	40.0	20	6	ABK69227	Abk69227 Human pho
3834	8	40.0	20	6	ABK68940	Abk68940 Human pho
3835	8	40.0	20	6	ABK71198	Abk71198 Mouse HYP
c3836	8	40.0	20	6	AAS63370	Aas63370 OAT gene,
c3837	8	40.0	20	6	ABA05399	Aba05399 Human IL-
3838	8	40.0	20	6	ABL54745	Abl54745 Lactobaci
c3839	8	40.0	20	6	ABK52885	Abk52885 Human ost
3840	8	40.0	20	6	ABI93489	Abi93489 Capture o
3841	8	40.0	20	6	ABI94789	Abi94789 Capture o
3842	8	40.0	20	6	ABI96063	Abi96063 Capture o
3843	8	40.0	20	6	ABI96762	Abi96762 Capture o
3844	8	40.0	20	6	ABI97045	Abi97045 Capture o
3845	8	40.0	20	6	ABI95999	Abi95999 Capture o
3846	8	40.0	20	6	ABI93322	Abi93322 Capture o
3847	8	40.0	20	6	ABI96717	Abi96717 Capture o
3848	8	40.0	20	6	ABI93256	Abi93256 Capture o
3849	8	40.0	20	6	ABI94393	Abi94393 Capture o
c3850	8	40.0	20	6	ABI95207	Abi95207 Capture o
3851	8	40.0	20	6	ABI96885	Abi96885 Capture o
3852	8	40.0	20	6	ABI97090	Abi97090 Capture o
3853	8	40.0	20	6	ABI93043	Abi93043 Capture o
3854	8	40.0	20	6	ABI93127	Abi93127 Capture o
3855	8	40.0	20	6	ABI93850	Abi93850 Capture o
3856	8	40.0	20	6	ABI93919	Abi93919 Capture o
3857	8	40.0	20	6	ABI96534	Abi96534 Capture o
3858	8	40.0	20	6	ABI96637	Abi96637 Capture o
3859	8	40.0	20	6	ABI94792	Abi94792 Capture o
3860	8	40.0	20	6	ABI96576	Abi96576 Capture o
3861	8	40.0	20	6	ABI94271	Abi94271 Capture o
3862	8	40.0	20	6	ABI96271	Abi96271 Capture o
3863	8	40.0	20	6	ABI96992	Abi96992 Capture o
c3864	8	40.0	20	6	ABI93454	Abi93454 Capture o
3865	8	40.0	20	6	ABI93619	Abi93619 Capture o
3866	8	40.0	20	6	ABI97334	Abi97334 Capture o
3867	8	40.0	20	6	ABI97400	Abi97400 Capture o
c3868	8	40.0	20	6	ABI95282	Abi95282 Capture o
3869	8	40.0	20	6	ABI96190	Abi96190 Capture o
3870	8	40.0	20	6	ABI96700	Abi96700 Capture o
3871	8	40.0	20	6	ABI94132	Abi94132 Capture o
3872	8	40.0	20	6	ABI95892	Abi95892 Capture o
c3873	8	40.0	20	6	ABI96205	Abi96205 Capture o
3874	8	40.0	20	6	ABI93078	Abi93078 Capture o
3875	8	40.0	20	6	ABI93227	Abi93227 Capture o
3876	8	40.0	20	6	ABI94638	Abi94638 Capture o
3877	8	40.0	20	6	ABI96354	Abi96354 Capture o
3878	8	40.0	20	6	ABI96064	Abi96064 Capture o
3879	8	40.0	20	6	ABI96960	Abi96960 Capture o
3880	8	40.0	20	6	ABL50665	Abl50665 Rat rZAQ1
c3881	8	40.0	20	6	ABL53633	Abl53633 PCR prime
3882	8	40.0	20	6	ABK69322	Abk69322 Chimeric
3883	8	40.0	20	6	ABK85831	Abk85831 Myotonic
c3884	8	40.0	20	6	AAL51141	Aal51141 Calcitoni
3885	8	40.0	20	6	ABK89191	Abk89191 Human hea
c3886	8	40.0	20	6	ABQ94315	Abq94315 Human BNO
c3887	8	40.0	20	6	ABS65069	Abs65069 Human cas
3888	8	40.0	20	6	ABX03613	Abx03613 Degenerat
3889	8	40.0	20	6	ABN99433	Abn99433 Fungi PCR

3890	8	40.0	20	6	ABN81376	Abn81376 Cnemidoph
c3891	8	40.0	20	6	ABS57365	Abs57365 Human can
c3892	8	40.0	20	6	ABZ08817	Abz08817 Human CMV
3893	8	40.0	20	6	ABQ82283	Abq82283 Human ALS
c3894	8	40.0	20	6	ADG90532	Adg90532 Human tal
3895	8	40.0	20	7	ADI93001	Adi93001 Construct
c3896	8	40.0	20	7	ADI93911	Adi93911 Human IL-
3897	8	40.0	20	8	ADA05915	Ada05915 Human NOV
3898	8	40.0	20	8	ACA97209	Aca97209 Vpr-drive
3899	8	40.0	20	8	ADA44733	Ada44733 Antisense
c3900	8	40.0	20	8	ABZ22804	Abz22804 Human hep
3901	8	40.0	20	8	ACF03728	Acf03728 PCR prime
c3902	8	40.0	20	8	AAD48396	Aad48396 Forward P
3903	8	40.0	20	8	ABT21394	Abt21394 Multiplex
c3904	8	40.0	20	8	ABZ99580	Abz99580 Human sec
c3905	8	40.0	20	8	AAD55869	Aad55869 Human CN-
3906	8	40.0	20	8	AAD55934	Aad55934 Human CN-
c3907	8	40.0	20	8	AAD55947	Aad55947 Human CN-
3908	8	40.0	20	8	AAL61471	Aal61471 Human ATF
3909	8	40.0	20	8	AAL61470	Aal61470 Human ATF
3910	8	40.0	20	8	ABQ77197	Abq77197 Human ABC
3911	8	40.0	20	8	ACC49672	Acc49672 Human KSR
c3912	8	40.0	20	8	ACC49716	Acc49716 Human KSR
c3913	8	40.0	20	8	ACC49717	Acc49717 Human KSR
3914	8	40.0	20	8	ACA96822	Aca96822 Human gli
c3915	8	40.0	20	8	ABX04527	Abx04527 Human adi
c3916	8	40.0	20	8	ABZ77185	Abz77185 Cytochrom
c3917	8	40.0	20	8	ABV76880	Abv76880 3' RT-PCR
3918	8	40.0	20	8	ABX17714	Abx17714 Human uro
c3919	8	40.0	20	8	ABX17760	Abx17760 Human uro
3920	8	40.0	20	8	ABX17798	Abx17798 Mouse uro
3921	8	40.0	20	8	AAD52994	Aad52994 Bacteriop
3922	8	40.0	20	8	ABT16462	Abt16462 Human neu
3923	8	40.0	20	8	ABZ76302	Abz76302 Tubulin-b
c3924	8	40.0	20	8	ACC80593	Acc80593 Pluripote
3925	8	40.0	20	8	ACC59010	Acc59010 Human UL3
3926	8	40.0	20	8	ABV77276	Abv77276 PCR prime
3927	8	40.0	20	8	ABT15789	Abt15789 Human GU
c3928	8	40.0	20	8	ADA20458	Ada20458 Prostate
c3929	8	40.0	20	8	ADA20530	Ada20530 Prostate
c3930	8	40.0	20	8	ADA84334	Ada84334 Human OAT
c3931	8	40.0	20	8	ADA84262	Ada84262 Human APO
3932	8	40.0	20	8	ADA11183	Ada11183 Different
c3933	8	40.0	20	8	ABT43180	Abt43180 Neuroblas
3934	8	40.0	20	8	ADB12759	Adb12759 Human PRK
3935	8	40.0	20	8	ABX89425	Abx89425 PCR prime
3936	8	40.0	20	8	AAD49030	Aad49030 Human MAT
c3937	8	40.0	20	8	ACC43110	Acc43110 RT-PCR pr
3938	8	40.0	20	8	ACC43100	Acc43100 RT-PCR pr
c3939	8	40.0	20	8	ABT32277	Abt32277 Neuroblas
c3940	8	40.0	20	9	AAL62287	Aal62287 Human tra
c3941	8	40.0	20	9	AAD57869	Aad57869 Reverse P
c3942	8	40.0	20	9	ADA49677	Ada49677 RT-PCR pr
c3943	8	40.0	20	9	ACC59332	Acc59332 Human MIZ
c3944	8	40.0	20	9	ACH11187	Ach11187 Human pro
3945	8	40.0	20	9	ADA15337	Ada15337 Mouse HYP
c3946	8	40.0	20	9	ADA49680	Ada49680 RT-PCR pr
3947	8	40.0	20	9	ACA62696	Aca62696 RIZ(A)9 t
3948	8	40.0	20	9	ACH66597	Ach66597 Sense PCR
3949	8	40.0	20	9	ADA50295	Ada50295 Human PCR
c3950	8	40.0	20	9	ACC84077	Acc84077 Chicken o
3951	8	40.0	20	9	ACD05087	Acd05087 Tumour ne
3952	8	40.0	20	9	AAL61026	Aal61026 Human MyD
3953	8	40.0	20	9	AAL61003	Aal61003 Human MyD
3954	8	40.0	20	9	AAL61004	Aal61004 Human MyD
3955	8	40.0	20	9	ADB95899	Adb95899 Mouse HYP
c3956	8	40.0	20	9	ADB84102	Adb84102 Human NUR
3957	8	40.0	20	10	ACF79188	Acf79188 Cytochrom
c3958	8	40.0	20	10	ACF79196	Acf79196 Glutathio
c3959	8	40.0	20	10	ADB99934	Adb99934 Vitamin D
3960	8	40.0	20	10	ADB65891	Adb65891 Clone spe
c3961	8	40.0	20	10	ADB81436	Adb81436 Human oes
c3962	8	40.0	20	10	ADB54335	Adb54335 PCR prime
3963	8	40.0	20	10	ADB79096	Adb79096 Matrix me
3964	8	40.0	20	10	ADB79126	Adb79126 Matrix me
3965	8	40.0	20	10	ADB83269	Adb83269 Maize pyr
3966	8	40.0	20	10	ADC15156	Adc15156 Human bre
c3967	8	40.0	20	10	ADC60888	Adc60888 HPV mRNA
3968	8	40.0	20	10	ADC24662	Adc24662 Antisense
c3969	8	40.0	20	10	ADC01946	Adc01946 Human zsi
c3970	8	40.0	20	10	ADC69821	Adc69821 Primer ol
c3971	8	40.0	20	10	ADC54003	Adc54003 Rice PCR
3972	8	40.0	20	10	AAD59023	Aad59023 Cytomegal
3973	8	40.0	20	10	ADC51276	Adc51276 Probe #7
c3974	8	40.0	20	10	AAD59892	Aad59892 ZC13531 o
c3975	8	40.0	20	10	ADD07277	Add07277 Mouse int
3976	8	40.0	20	10	ADD19339	Add19339 Leptin ge
c3977	8	40.0	20	10	ADD25041	Add25041 Mouse cas
3978	8	40.0	20	10	ADD24991	Add24991 Human cas
c3979	8	40.0	20	10	ADD25042	Add25042 Mouse cas
3980	8	40.0	20	10	ADD42535	Add42535 Human inf
3981	8	40.0	20	10	ADD42534	Add42534 Human inf
c3982	8	40.0	20	10	ADD56670	Add56670 Human gen
3983	8	40.0	20	10	ADE40063	Ade40063 Forward A
3984	8	40.0	20	10	ADE43868	Ade43868 Human eot
3985	8	40.0	20	10	ADE14429	Ade14429 HSD11B1 a
3986	8	40.0	20	10	ADE15595	Ade15595 Tricyclic
c3987	8	40.0	20	10	ADF17748	Adf17748 Oligo mar
c3988	8	40.0	20	10	ADF18016	Adf18016 Human zsi
3989	8	40.0	20	10	ADF44575	Adf44575 Mouse kin
3990	8	40.0	20	10	ADF53215	Adf53215 Variant d
3991	8	40.0	20	10	ADF53097	Adf53097 Variant d
3992	8	40.0	20	10	ADF53136	Adf53136 Variant d
3993	8	40.0	20	10	ADF53173	Adf53173 Variant d
3994	8	40.0	20	10	ADF77306	Adf77306 PCR prime
3995	8	40.0	20	10	ADF87577	Adf87577 Single nu
3996	8	40.0	20	10	ADF87818	Adf87818 Single nu
c3997	8	40.0	20	10	ADF88156	Adf88156 Single nu
c3998	8	40.0	20	10	ADF88177	Adf88177 Single nu
3999	8	40.0	20	10	ADF87516	Adf87516 Single nu
c4000	8	40.0	20	10	ADF88019	Adf88019 Single nu
c4001	8	40.0	20	10	ADF88529	Adf88529 Single nu
4002	8	40.0	20	10	ADG43885	Adg43885 Human DYR
c4003	8	40.0	20	10	ADF91130	Adf91130 Microorga
c4004	8	40.0	20	10	ADH69095	Adh69095 Hepatitis
c4005	8	40.0	20	10	ADH53399	Adh53399 Human VEG
c4006	8	40.0	20	10	ADH76493	Adh76493 Interleuk
4007	8	40.0	20	10	ADH93960	Adh93960 Human gen
c4008	8	40.0	20	10	ADH94008	Adh94008 Human gen
4009	8	40.0	20	10	ADH93809	Adh93809 Human gen
c4010	8	40.0	20	10	ADH94166	Adh94166 Human gen
c4011	8	40.0	20	10	ADH94433	Adh94433 Human gen
c4012	8	40.0	20	10	ADH93420	Adh93420 Human gen
4013	8	40.0	20	10	ADH93372	Adh93372 Human gen
4014	8	40.0	20	10	ADH93998	Adh93998 Human gen
c4015	8	40.0	20	10	ACA54786	Aca54786 Human NF-
c4016	8	40.0	20	10	ACA70956	Aca70956 Human ade
c4017	8	40.0	20	10	ABZ86384	Abz86384 Human oli
4018	8	40.0	20	10	ABZ87969	Abz87969 Human oli
c4019	8	40.0	20	10	ABZ87109	Abz87109 Human oli
c4020	8	40.0	20	10	ABZ88967	Abz88967 Human oli
4021	8	40.0	20	10	ABZ90124	Abz90124 Human oli
c4022	8	40.0	20	10	ABZ91951	Abz91951 Human oli
c4023	8	40.0	20	10	ABZ93298	Abz93298 Human oli
4024	8	40.0	20	10	ABZ99059	Abz99059 Human PDE
4025	8	40.0	20	10	ABZ85406	Abz85406 Human oli
4026	8	40.0	20	10	ABZ86944	Abz86944 Human oli
4027	8	40.0	20	10	ABZ86945	Abz86945 Human oli
4028	8	40.0	20	10	ABZ88002	Abz88002 Human oli
c4029	8	40.0	20	10	ABZ92855	Abz92855 Human oli
4030	8	40.0	20	10	ABZ95612	Abz95612 Human NF-
4031	8	40.0	20	10	ABZ97627	Abz97627 Human IL5
4032	8	40.0	20	10	ABZ87968	Abz87968 Human oli
4033	8	40.0	20	10	ABZ88001	Abz88001 Human oli
c4034	8	40.0	20	10	ABZ88485	Abz88485 Human oli
4035	8	40.0	20	10	ABZ99306	Abz99306 Human PDE

4036	8	40.0	20	10	ABZ97898	Abz97898	Human RAN
c4037	8	40.0	20	10	ABZ98505	Abz98505	Human ICA
4038	8	40.0	20	10	ABZ85405	Abz85405	Human oli
4039	8	40.0	20	10	ABZ90125	Abz90125	Human oli
4040	8	40.0	20	10	ABZ93720	Abz93720	Human oli
4041	8	40.0	20	10	ABZ85344	Abz85344	Human oli
c4042	8	40.0	20	10	ABZ86720	Abz86720	Human oli
c4043	8	40.0	20	10	ABZ88486	Abz88486	Human oli
4044	8	40.0	20	10	ABZ85404	Abz85404	Human oli
c4045	8	40.0	20	10	ABZ88968	Abz88968	Human oli
c4046	8	40.0	20	10	ABZ85107	Abz85107	Human oli
4047	8	40.0	20	10	ABZ93721	Abz93721	Human oli
4048	8	40.0	20	10	ABZ98846	Abz98846	Human PDE
c4049	8	40.0	20	10	ABZ89683	Abz89683	Human oli
c4050	8	40.0	20	10	ABZ91998	Abz91998	Human oli
c4051	8	40.0	20	10	ABZ92000	Abz92000	Human oli
4052	8	40.0	20	10	ABZ93719	Abz93719	Human oli
c4053	8	40.0	20	10	ABZ87110	Abz87110	Human oli
c4054	8	40.0	20	10	ABZ93299	Abz93299	Human oli
4055	8	40.0	20	10	ABZ94073	Abz94073	Human oli
c4056	8	40.0	20	10	ABZ85106	Abz85106	Human oli
4057	8	40.0	20	10	ABZ85342	Abz85342	Human oli
c4058	8	40.0	20	10	ABZ86385	Abz86385	Human oli
c4059	8	40.0	20	10	ABZ86721	Abz86721	Human oli
c4060	8	40.0	20	10	ABZ89684	Abz89684	Human oli
c4061	8	40.0	20	10	ABZ92854	Abz92854	Human oli
c4062	8	40.0	20	10	ABZ91999	Abz91999	Human oli
4063	8	40.0	20	10	ABZ98847	Abz98847	Human PDE
4064	8	40.0	20	10	ABZ85343	Abz85343	Human oli
4065	8	40.0	20	10	ABZ94074	Abz94074	Human oli
4066	8	40.0	20	10	ABZ82713	Abz82713	Human HSL
c4067	8	40.0	20	10	ABZ82702	Abz82702	Human HSL
4068	8	40.0	20	10	ABZ82692	Abz82692	Human HSL
4069	8	40.0	20	10	ADA66533	Ada66533	Transform
c4070	8	40.0	20	10	ACC62137	Acc62137	Human ali
c4071	8	40.0	20	10	ACD02566	Acd02566	Novel hum
c4072	8	40.0	20	10	ABX34011	Abx34011	Human int
4073	8	40.0	20	10	ABQ84489	Abq84489	DPP10 PCR
c4074	8	40.0	20	10	ABQ84455	Abq84455	DPP10 PCR
c4075	8	40.0	20	10	ABZ83902	Abz83902	Toxicolog
c4076	8	40.0	20	10	ABZ84298	Abz84298	Toxicolog
c4077	8	40.0	20	10	ACC59524	Acc59524	Human HER
4078	8	40.0	20	10	AAD47144	Aad47144	Human PON
4079	8	40.0	20	10	ABT16556	Abt16556	Ethylene
4080	8	40.0	20	10	ADL16109	Adl16109	Human lip
4081	8	40.0	20	10	ADL25230	Adl25230	Intestina
c4082	8	40.0	20	11	ADL90185	Adl90185	Soybean g
c4083	8	40.0	20	11	ADL94257	Adl94257	Liver gly
c4084	8	40.0	20	11	ADM78331	Adm78331	PCR prime
c4085	8	40.0	20	11	ADM83690	Adm83690	Serine pr
c4086	8	40.0	20	11	ADM83691	Adm83691	Serine pr
c4087	8	40.0	20	11	ADM83764	Adm83764	Serine pr
c4088	8	40.0	20	11	ADN60105	Adn60105	Human hel
c4089	8	40.0	20	11	ABD28230	Abd28230	R19956-de
c4090	8	40.0	20	11	ABD21337	Abd21337	Human tra
c4091	8	40.0	20	11	ABD23339	Abd23339	Human myo
c4092	8	40.0	20	11	ABD25197	Abd25197	AI051839-
4093	8	40.0	20	11	ABD21574	Abd21574	S100 calc
4094	8	40.0	20	11	ABD24231	Abd24231	Human cal
c4095	8	40.0	20	11	ABD25913	Abd25913	AA505075-
c4096	8	40.0	20	11	ABD31536	Abd31536	Human ICA
4097	8	40.0	20	11	ABD32090	Abd32090	Human PDE
c4098	8	40.0	20	11	ABD28229	Abd28229	R19956-de
4099	8	40.0	20	11	ABD29949	Abd29949	T74688-de
4100	8	40.0	20	11	ABD31877	Abd31877	Human PDE
c4101	8	40.0	20	11	ABD29084	Abd29084	AA679352-
c4102	8	40.0	20	11	ABD22951	Abd22951	Human myo
4103	8	40.0	20	11	ABD21634	Abd21634	S100 calc
c4104	8	40.0	20	11	ABD25198	Abd25198	AI051839-
4105	8	40.0	20	11	ABD29950	Abd29950	T74688-de
c4106	8	40.0	20	11	ABD21336	Abd21336	Human tra
4107	8	40.0	20	11	ABD24232	Abd24232	Human cal
4108	8	40.0	20	11	ABD26354	Abd26354	AA459692-
c4109	8	40.0	20	11	ABD28181	Abd28181	AA485272-
c4110	8	40.0	20	11	ABD29529	Abd29529	AA664176-
4111	8	40.0	20	11	ABD21636	Abd21636	S100 calc
4112	8	40.0	20	11	ABD23174	Abd23174	Human myo
4113	8	40.0	20	11	ABD26355	Abd26355	AA459692-
4114	8	40.0	20	11	ABD21635	Abd21635	S100 calc
c4115	8	40.0	20	11	ABD22615	Abd22615	Human cat
c4116	8	40.0	20	11	ABD23340	Abd23340	Human myo
4117	8	40.0	20	11	ABD32337	Abd32337	Human PDE
c4118	8	40.0	20	11	ABD29528	Abd29528	AA664176-
4119	8	40.0	20	11	ABD24199	Abd24199	Human cal
4120	8	40.0	20	11	ABD30929	Abd30929	Human RAN
c4121	8	40.0	20	11	ABD28228	Abd28228	R19956-de
4122	8	40.0	20	11	ABD29951	Abd29951	T74688-de
4123	8	40.0	20	11	ABD23175	Abd23175	Human myo
c4124	8	40.0	20	11	ABD24715	Abd24715	AI038433-
c4125	8	40.0	20	11	ABD29085	Abd29085	AA679352-
4126	8	40.0	20	11	ABD30304	Abd30304	H05914-de
4127	8	40.0	20	11	ABD19776	Abd19776	Human NF-
4128	8	40.0	20	11	ABD30658	Abd30658	Human IL5
4129	8	40.0	20	11	ABD31878	Abd31878	Human PDE
4130	8	40.0	20	11	ABD30303	Abd30303	H05914-de
4131	8	40.0	20	11	ABD24198	Abd24198	Human cal
c4132	8	40.0	20	11	ABD24716	Abd24716	AI038433-
4133	8	40.0	20	11	ABD21572	Abd21572	S100 calc
4134	8	40.0	20	11	ABD21573	Abd21573	S100 calc
c4135	8	40.0	20	11	ABD22614	Abd22614	Human cat
c4136	8	40.0	20	11	ABD22950	Abd22950	Human myo
c4137	8	40.0	20	11	ABD25914	Abd25914	AA505075-
c4138	8	40.0	20	11	ADP75274	Adp75274	Human NRG
c4139	8	40.0	20	11	ADP75354	Adp75354	Human ADA
4140	8	40.0	20	12	ADF08408	Adf08408	Murine my
c4141	8	40.0	20	12	ADF29015	Adf29015	Human CK-
4142	8	40.0	20	12	ADF92260	Adf92260	Human cyt
c4143	8	40.0	20	12	ADF91980	Adf91980	Human cyt
4144	8	40.0	20	12	ADF92055	Adf92055	Human cyt
4145	8	40.0	20	12	ADH10804	Adh10804	Human cat
c4146	8	40.0	20	12	ADH10877	Adh10877	Human cat
c4147	8	40.0	20	12	ADH22437	Adh22437	Taqman an
c4148	8	40.0	20	12	ADG47283	Adg47283	Human IGF
c4149	8	40.0	20	12	ADG86351	Adg86351	Human SMR
4150	8	40.0	20	12	ADG86322	Adg86322	Human SMR
4151	8	40.0	20	12	ADG86334	Adg86334	Human SMR
c4152	8	40.0	20	12	ADG86357	Adg86357	Human SMR
4153	8	40.0	20	12	ADG64281	Adg64281	Y chromos
4154	8	40.0	20	12	ADG64262	Adg64262	Y copy of
c4155	8	40.0	20	12	ADG72150	Adg72150	Mouse SRE
4156	8	40.0	20	12	ADG72268	Adg72268	Mouse SRE
c4157	8	40.0	20	12	ADH18037	Adh18037	2'-MOE ga
c4158	8	40.0	20	12	ADH12240	Adh12240	Human CHD
c4159	8	40.0	20	12	ADH31143	Adh31143	Human G-p
c4160	8	40.0	20	12	ADH47962	Adh47962	Protein k
c4161	8	40.0	20	12	ADH56558	Adh56558	Human hyp
4162	8	40.0	20	12	ADH56491	Adh56491	Human tum
c4163	8	40.0	20	12	ADH44456	Adh44456	Human Rb2
4164	8	40.0	20	12	ADH44424	Adh44424	Human Rb2
4165	8	40.0	20	12	ADH44416	Adh44416	Human Rb2
c4166	8	40.0	20	12	ADH51520	Adh51520	Plant inf
c4167	8	40.0	20	12	ADH50705	Adh50705	Human IRA
4168	8	40.0	20	12	ADH50637	Adh50637	Human IRA
4169	8	40.0	20	12	ADI10156	Adi10156	Cosmid se
4170	8	40.0	20	12	ADJ31754	Adj31754	Human amy
4171	8	40.0	20	12	ADI14047	Adi14047	Antisense
c4172	8	40.0	20	12	ADI13979	Adi13979	Antisense
c4173	8	40.0	20	12	ADI13807	Adi13807	Antisense
c4174	8	40.0	20	12	ADI14048	Adi14048	Antisense
4175	8	40.0	20	12	ADH76757	Adh76757	MCHR1 gen
4176	8	40.0	20	12	ADH77560	Adh77560	Human neu
c4177	8	40.0	20	12	ADI36700	Adi36700	Human PLM
4178	8	40.0	20	12	ADI36633	Adi36633	Human PLM
4179	8	40.0	20	12	ADI81404	Adi81404	Human P2X
4180	8	40.0	20	12	ADI34578	Adi34578	Human ESM
c4181	8	40.0	20	12	AAL56353	Aal56353	Human pro

c4182	8	40.0	20	12	AAL56355	Aal56355	Human pro	4255	8	40.0	20	12	ADJ22147	Adj22147	Human end
4183	8	40.0	20	12	ADI53313	Adi53313	Mouse Rag	c4256	8	40.0	20	12	ADJ22568	Adj22568	Human end
4184	8	40.0	20	12	ADJ33999	Adj33999	Human pol	c4257	8	40.0	20	12	ADJ22726	Adj22726	Human end
c4185	8	40.0	20	12	ADJ34044	Adj34044	Human pol	4258	8	40.0	20	12	ADJ24782	Adj24782	Human end
4186	8	40.0	20	12	ADJ33979	Adj33979	Human pol	4259	8	40.0	20	12	ADJ21883	Adj21883	Human end
c4187	8	40.0	20	12	ADI33001	Adi33001	Antisense	4260	8	40.0	20	12	ADJ21926	Adj21926	Human end
4188	8	40.0	20	12	ADI33077	Adi33077	Human GPC	c4261	8	40.0	20	12	ADJ22019	Adj22019	Human end
4189	8	40.0	20	12	ADJ46809	Adj46809	Human KIA	c4262	8	40.0	20	12	ADJ23053	Adj23053	Human end
4190	8	40.0	20	12	ADJ47533	Adj47533	Human IGF	4263	8	40.0	20	12	ADJ24378	Adj24378	Human end
c4191	8	40.0	20	12	ADL16421	Adl16421	Human hep	4264	8	40.0	20	12	ADJ24874	Adj24874	Human end
4192	8	40.0	20	12	ADJ85827	Adj85827	Nucleic a	c4265	8	40.0	20	12	ADJ22145	Adj22145	Human end
4193	8	40.0	20	12	ADJ86408	Adj86408	Nucleic a	c4266	8	40.0	20	12	ADJ22371	Adj22371	Human end
c4194	8	40.0	20	12	ADJ85440	Adj85440	Nucleic a	4267	8	40.0	20	12	ADJ23830	Adj23830	Human end
4195	8	40.0	20	12	ADJ86063	Adj86063	Nucleic a	4268	8	40.0	20	12	ADJ24172	Adj24172	Human end
c4196	8	40.0	20	12	ADJ86402	Adj86402	Nucleic a	4269	8	40.0	20	12	ADJ24649	Adj24649	Human end
4197	8	40.0	20	12	ADJ85176	Adj85176	Nucleic a	4270	8	40.0	20	12	ADJ22728	Adj22728	Human end
4198	8	40.0	20	12	ADJ85340	Adj85340	Nucleic a	4271	8	40.0	20	12	ADJ23589	Adj23589	Human end
c4199	8	40.0	20	12	ADK94642	Adk94642	Primer of	4272	8	40.0	20	12	ADJ23642	Adj23642	Human end
4200	8	40.0	20	12	ADK96792	Adk96792	Primer of	c4273	8	40.0	20	12	ADJ24694	Adj24694	Human end
4201	8	40.0	20	12	ADK95787	Adk95787	Primer of	c4274	8	40.0	20	12	ADJ21882	Adj21882	Human end
4202	8	40.0	20	12	ADK98220	Adk98220	Primer of	c4275	8	40.0	20	12	ADJ22955	Adj22955	Human end
4203	8	40.0	20	12	ADK94452	Adk94452	Primer of	4276	8	40.0	20	12	ADJ23716	Adj23716	Human end
c4204	8	40.0	20	12	ADK96474	Adk96474	Primer of	c4277	8	40.0	20	12	ADJ21807	Adj21807	Human end
c4205	8	40.0	20	12	ADK98152	Adk98152	Primer of	c4278	8	40.0	20	12	ADK71978	Adk71978	Antimicro
c4206	8	40.0	20	12	ADK95806	Adk95806	Primer of	c4279	8	40.0	20	12	ADK72005	Adk72005	Antimicro
c4207	8	40.0	20	12	ADK95865	Adk95865	Primer of	c4280	8	40.0	20	12	ADK75962	Adk75962	Chimeric
c4208	8	40.0	20	12	ADK98437	Adk98437	Primer of	4281	8	40.0	20	12	ADK81463	Adk81463	Chimeric
c4209	8	40.0	20	12	ADK95963	Adk95963	Primer of	4282	8	40.0	20	12	ADK81683	Adk81683	Chimeric
c4210	8	40.0	20	12	ADK97339	Adk97339	Primer of	4283	8	40.0	20	12	ADK74373	Adk74373	Chimeric
c4211	8	40.0	20	12	ADK94492	Adk94492	Primer of	4284	8	40.0	20	12	ADK75220	Adk75220	Chimeric
4212	8	40.0	20	12	ADJ60944	Adj60944	Oligonucl	c4285	8	40.0	20	12	ADK79531	Adk79531	Chimeric
4213	8	40.0	20	12	ADJ60729	Adj60729	Oligonucl	c4286	8	40.0	20	12	ADK80693	Adk80693	Chimeric
4214	8	40.0	20	12	ADJ59763	Adj59763	Oligonucl	4287	8	40.0	20	12	ADK73691	Adk73691	Chimeric
c4215	8	40.0	20	12	ADJ60355	Adj60355	Oligonucl	c4288	8	40.0	20	12	ADK77844	Adk77844	Chimeric
4216	8	40.0	20	12	ADJ61406	Adj61406	Oligonucl	4289	8	40.0	20	12	ADK81207	Adk81207	Chimeric
4217	8	40.0	20	12	ADJ61408	Adj61408	Oligonucl	c4290	8	40.0	20	12	ADK75766	Adk75766	Chimeric
4218	8	40.0	20	12	ADJ59448	Adj59448	Oligonucl	c4291	8	40.0	20	12	ADK78660	Adk78660	Chimeric
4219	8	40.0	20	12	ADJ61407	Adj61407	Oligonucl	4292	8	40.0	20	12	ADK73222	Adk73222	Chimeric
4220	8	40.0	20	12	ADJ61191	Adj61191	Oligonucl	4293	8	40.0	20	12	ADK74194	Adk74194	Chimeric
4221	8	40.0	20	12	ADJ60730	Adj60730	Oligonucl	c4294	8	40.0	20	12	ADK77128	Adk77128	Chimeric
4222	8	40.0	20	12	ADJ37764	Adj37764	Human VEG	4295	8	40.0	20	12	ADK74893	Adk74893	Chimeric
c4223	8	40.0	20	12	ADJ37733	Adj37733	Human VEG	c4296	8	40.0	20	12	ADK77460	Adk77460	Chimeric
4224	8	40.0	20	12	ADK42751	Adk42751	Canine co	4297	8	40.0	20	12	ADK80013	Adk80013	Chimeric
4225	8	40.0	20	12	ADJ64155	Adj64155	Human pho	4298	8	40.0	20	12	ADK81009	Adk81009	Chimeric
c4226	8	40.0	20	12	ADJ64121	Adj64121	Human pho	4299	8	40.0	20	12	ADK77291	Adk77291	Chimeric
c4227	8	40.0	20	12	ADK70866	Adk70866	5' mRNA D	c4300	8	40.0	20	12	ADK76989	Adk76989	Chimeric
c4228	8	40.0	20	12	ADK61743	Adk61743	Primer of	4301	8	40.0	20	12	ADK81674	Adk81674	Chimeric
c4229	8	40.0	20	12	ADJ96220	Adj96220	Primer ZC	c4302	8	40.0	20	12	ADK75911	Adk75911	Chimeric
c4230	8	40.0	20	12	ADJ45642	Adj45642	Human GPC	4303	8	40.0	20	12	ADK81308	Adk81308	Chimeric
c4231	8	40.0	20	12	ADJ93475	Adj93475	DNA oligo	c4304	8	40.0	20	12	ADK77701	Adk77701	Chimeric
c4232	8	40.0	20	12	ADJ26903	Adj26903	Human Cen	c4305	8	40.0	20	12	ADK81025	Adk81025	Chimeric
4233	8	40.0	20	12	ADJ26872	Adj26872	Human Cen	4306	8	40.0	20	12	ADK73610	Adk73610	Chimeric
4234	8	40.0	20	12	ADJ76525	Adj76525	SLC34A2 f	4307	8	40.0	20	12	ADK76412	Adk76412	Chimeric
4235	8	40.0	20	12	ADJ24445	Adj24445	Human end	4308	8	40.0	20	12	ADK77182	Adk77182	Chimeric
4236	8	40.0	20	12	ADJ22451	Adj22451	Human end	4309	8	40.0	20	12	ADK79474	Adk79474	Chimeric
4237	8	40.0	20	12	ADJ24693	Adj24693	Human end	4310	8	40.0	20	12	ADK81591	Adk81591	Chimeric
4238	8	40.0	20	12	ADJ21791	Adj21791	Human end	4311	8	40.0	20	12	ADK74025	Adk74025	Chimeric
c4239	8	40.0	20	12	ADJ22032	Adj22032	Human end	4312	8	40.0	20	12	ADK74450	Adk74450	Chimeric
c4240	8	40.0	20	12	ADJ22095	Adj22095	Human end	c4313	8	40.0	20	12	ADK76777	Adk76777	Chimeric
4241	8	40.0	20	12	ADJ22358	Adj22358	Human end	4314	8	40.0	20	12	ADK79184	Adk79184	Chimeric
c4242	8	40.0	20	12	ADJ22397	Adj22397	Human end	4315	8	40.0	20	12	ADK81344	Adk81344	Chimeric
4243	8	40.0	20	12	ADJ21703	Adj21703	Human end	4316	8	40.0	20	12	ADK81541	Adk81541	Chimeric
4244	8	40.0	20	12	ADJ21829	Adj21829	Human end	4317	8	40.0	20	12	ADK75265	Adk75265	Chimeric
4245	8	40.0	20	12	ADJ24133	Adj24133	Human end	4318	8	40.0	20	12	ADK80874	Adk80874	Chimeric
c4246	8	40.0	20	12	ADJ21827	Adj21827	Human end	c4319	8	40.0	20	12	ADL32232	Adl32232	Clone spe
4247	8	40.0	20	12	ADJ23997	Adj23997	Human end	c4320	8	40.0	20	12	ADM69507	Adm69507	Plant gen
4248	8	40.0	20	12	ADJ24357	Adj24357	Human end	c4321	8	40.0	20	12	ADM69506	Adm69506	Plant gen
4249	8	40.0	20	12	ADJ23967	Adj23967	Human end	c4322	8	40.0	20	12	ADM70207	Adm70207	Plant gen
4250	8	40.0	20	12	ADJ24338	Adj24338	Human end	c4323	8	40.0	20	12	ADM70208	Adm70208	Plant gen
c4251	8	40.0	20	12	ADJ21904	Adj21904	Human end	4324	8	40.0	20	12	ADL57913	Adl57913	Human ESM
4252	8	40.0	20	12	ADJ22826	Adj22826	Human end	4325	8	40.0	20	12	ADL58026	Adl58026	Human ESM
4253	8	40.0	20	12	ADJ24813	Adj24813	Human end	4326	8	40.0	20	12	ADL58330	Adl58330	Human ESM
4254	8	40.0	20	12	ADJ25365	Adj25365	Human end	4327	8	40.0	20	12	ADL59417	Adl59417	Human ESM

4328	8	40.0	20	12	ADL57865	Adl57865 Human ESM
4329	8	40.0	20	12	ADL57801	Adl57801 Human ESM
4330	8	40.0	20	12	ADL58215	Adl58215 Human ESM
4331	8	40.0	20	12	ADL57791	Adl57791 Human ESM
4332	8	40.0	20	12	ADL59065	Adl59065 Human ESM
4333	8	40.0	20	12	ADL57817	Adl57817 Human ESM
4334	8	40.0	20	12	ADL57789	Adl57789 Human ESM
4335	8	40.0	20	12	ADL57822	Adl57822 Human ESM
4336	8	40.0	20	12	ADL57840	Adl57840 Human ESM
c4337	8	40.0	20	12	ADL82527	Adl82527 RT-PCR pr
c4338	8	40.0	20	12	ADL82525	Adl82525 RT-PCR pr
c4339	8	40.0	20	12	ADL82529	Adl82529 RT-PCR pr
c4340	8	40.0	20	12	ADM41702	Adm41702 Cephalosp
c4341	8	40.0	20	12	ADM77977	Adm77977 RT-PCR pr
4342	8	40.0	20	12	ADN63078	Adn63078 Human NOV
4343	8	40.0	20	12	ADM98352	Adm98352 PCR prime
4344	8	40.0	20	12	ADN95065	Adn95065 Primer 2
c4345	8	40.0	20	12	ADM11455	Adm11455 Human CDC
c4346	8	40.0	20	12	ADO01297	Ado01297 Human CDC
4347	8	40.0	20	12	ADO46219	Ado46219 Human oli
4348	8	40.0	20	12	ADO46797	Ado46797 Human oli
4349	8	40.0	20	12	ADO46433	Ado46433 Human oli
c4350	8	40.0	20	12	ADO45844	Ado45844 Human oli
4351	8	40.0	20	12	ADO46581	Ado46581 Human oli
4352	8	40.0	20	12	ADO46796	Ado46796 Human oli
4353	8	40.0	20	12	ADO46218	Ado46218 Human oli
4354	8	40.0	20	12	ADO44938	Ado44938 Human oli
4355	8	40.0	20	12	ADO45253	Ado45253 Human oli
4356	8	40.0	20	12	ADO46798	Ado46798 Human oli
4357	8	40.0	20	12	ADM15839	Adm15839 Murine SA
4358	8	40.0	20	12	ADM16044	Adm16044 Murine SA
4359	8	40.0	20	12	ADN06385	Adn06385 Human FLA
4360	8	40.0	20	12	ADN06702	Adn06702 Human FLA
4361	8	40.0	20	12	ADN06642	Adn06642 Human FLA
c4362	8	40.0	20	12	ADN36351	Adn36351 Human ZNF
4363	8	40.0	20	12	ADO31975	Ado31975 Cyclin-de
4364	8	40.0	20	12	ADO04919	Ado04919 Human GPC
c4365	8	40.0	20	12	ADO04956	Ado04956 Human GPC
4366	8	40.0	20	12	ADN03119	Adn03119 Human PIM
4367	8	40.0	20	12	ADN03143	Adn03143 Human PIM
c4368	8	40.0	20	12	ADN03083	Adn03083 Human PIM
4369	8	40.0	20	12	ADO40135	Ado40135 Human MAP
c4370	8	40.0	20	12	ADO40188	Ado40188 Human MAP
4371	8	40.0	20	12	ADO40156	Ado40156 Human MAP
c4372	8	40.0	20	12	ADO09810	Ado09810 Human act
4373	8	40.0	20	12	ADO51779	Ado51779 Human ADA
c4374	8	40.0	20	12	ADO51742	Ado51742 Human ADA
4375	8	40.0	20	12	ADN94903	Adn94903 Human nid
c4376	8	40.0	20	12	ADN94833	Adn94833 Human nid
c4377	8	40.0	20	12	ADO22094	Ado22094 Real-time
4378	8	40.0	20	12	ADP74051	Adp74051 RT-PCR pr
c4379	8	40.0	20	12	ADN72035	Adn72035 Human glu
4380	8	40.0	20	12	ADP11305	Adp11305 Set 1 rig
c4381	8	40.0	20	12	ADP10996	Adp10996 Set 1 rig
c4382	8	40.0	20	12	ADP10786	Adp10786 Set 1 lef
c4383	8	40.0	20	12	ADP10900	Adp10900 Set 1 lef
4384	8	40.0	20	12	ADP11869	Adp11869 Set 2 lef
c4385	8	40.0	20	12	ADO31364	Ado31364 Human XT-
4386	8	40.0	20	12	ADO33431	Ado33431 Phosphodi
c4387	8	40.0	20	12	ADO32578	Ado32578 Antisense
c4388	8	40.0	20	12	ADP20541	Adp20541 Transcrip
4389	8	40.0	20	12	ADP20470	Adp20470 Transcrip
4390	8	40.0	20	12	ADP20497	Adp20497 Transcrip
4391	8	40.0	20	12	ADP82008	Adp82008 Human MAL
c4392	8	40.0	20	12	ADP81975	Adp81975 Human MAL
c4393	8	40.0	20	12	ADP27339	Adp27339 Rat MMP11
4394	8	40.0	20	12	ADP27228	Adp27228 Rat matri
c4395	8	40.0	20	12	ADP82133	Adp82133 Human DR1
c4396	8	40.0	20	12	ADP85737	Adp85737 Human Tal
4397	8	40.0	20	12	ADO42795	Ado42795 Human oes
4398	8	40.0	20	12	ADO71553	Ado71553 Primer fo
4399	8	40.0	20	12	ADP31765	Adp31765 Oestrogen
c4400	8	40.0	20	12	ADP31842	Adp31842 Oestrogen
c4401	8	40.0	20	12	ADP31840	Adp31840 Oestrogen
c4402	8	40.0	20	12	ADP31841	Adp31841 Oestrogen
4403	8	40.0	20	12	ADP31767	Adp31767 Oestrogen
4404	8	40.0	20	12	ADP31766	Adp31766 Oestrogen
4405	8	40.0	20	12	ADP09750	Adp09750 Bacteriop
c4406	8	40.0	20	12	ADO71455	Ado71455 IL-1beta
c4407	8	40.0	20	12	ADP45861	Adp45861 Extend pr
4408	8	40.0	20	12	ADO55976	Ado55976 Human ubi
4409	8	40.0	20	12	ADP09766	Adp09766 Bacteriop
c4410	8	40.0	20	12	ADP44394	Adp44394 Human ABC
4411	8	40.0	20	12	ADP44471	Adp44471 Human ABC
c4412	8	40.0	20	12	ADP69204	Adp69204 Human mit
c4413	8	40.0	20	12	ADP69218	Adp69218 Human mit
c4414	8	40.0	20	12	ADP69229	Adp69229 Human mit
c4415	8	40.0	20	12	ADP69357	Adp69357 Human mit
c4416	8	40.0	20	12	ADP69310	Adp69310 Human mit
c4417	8	40.0	20	12	ADP69287	Adp69287 Human mit
c4418	8	40.0	20	12	ADP69348	Adp69348 Human mit
c4419	8	40.0	20	12	ADP69150	Adp69150 Human mit
c4420	8	40.0	20	12	ADP69192	Adp69192 Human mit
c4421	8	40.0	20	12	ADP69303	Adp69303 Human mit
c4422	8	40.0	20	12	ADP69393	Adp69393 Human mit
c4423	8	40.0	20	12	ADP69157	Adp69157 Human mit
c4424	8	40.0	20	12	ADP69176	Adp69176 Human mit
4425	8	40.0	20	12	ADP48318	Adp48318 Human Lck
4426	8	40.0	20	12	ADP85866	Adp85866 Mitochond
c4427	8	40.0	20	12	ADP85790	Adp85790 Mitochond
4428	8	40.0	20	12	ADP85867	Adp85867 Mitochond
c4429	8	40.0	20	12	ADP85791	Adp85791 Mitochond
c4430	8	40.0	20	12	ADP44261	Adp44261 Human TEK
4431	8	40.0	20	12	ADP44183	Adp44183 Human TEK
c4432	8	40.0	20	12	ADP66876	Adp66876 Mouse end
c4433	8	40.0	20	12	ADP66875	Adp66875 Mouse end
c4434	8	40.0	20	12	ADP66877	Adp66877 Mouse end
4435	8	40.0	20	12	ADP66997	Adp66997 Mouse end
4436	8	40.0	20	12	ADP66996	Adp66996 Mouse end
4437	8	40.0	20	12	ADQ88910	Adq88910 Breast ca
c4438	8	40.0	20	12	ADQ88931	Adq88931 Breast ca
c4439	8	40.0	20	12	ADQ94700	Adq94700 Human pho
4440	8	40.0	20	12	ADQ94769	Adq94769 Human pho
c4441	8	40.0	20	12	ADQ94707	Adq94707 Human pho
4442	8	40.0	20	12	ADQ94775	Adq94775 Human pho
c4443	8	40.0	20	12	ADQ96628	Adq96628 Human PS1
4444	8	40.0	20	12	ADQ09921	Adq09921 Mouse RT-
4445	8	40.0	20	12	ADQ58832	Adq58832 Bacteriop
c4446	8	40.0	20	12	ADQ81776	Adq81776 A delicio
4447	8	40.0	20	12	ADQ29169	Adq29169 Human TNF
c4448	8	40.0	20	12	ADQ14179	Adq14179 CAPN3/DYS
c4449	8	40.0	20	12	ADQ14885	Adq14885 CD54 RNas
c4450	8	40.0	20	13	ADQ88735	Adq88735 Human HIF
4451	8	40.0	20	13	ADR02685	Adr02685 Antisense
c4452	8	40.0	20	13	ADQ91300	Adq91300 Set 4 for
4453	8	40.0	20	13	ADR27483	Adr27483 Human sin
4454	8	40.0	20	13	ADR44370	Adr44370 Cytomegal
c4455	8	40.0	20	13	ADQ99645	Adq99645 Rice SNP
c4456	8	40.0	20	13	ADS89781	Ads89781 Human PCR
c4457	8	40.0	20	13	ADR67339	Adr67339 Antisense
4458	8	40.0	20	13	ADR67342	Adr67342 Antisense
4459	8	40.0	20	13	ADS94721	Ads94721 Human 5-l
4460	8	40.0	20	13	ADS94404	Ads94404 Human 5-l
4461	8	40.0	20	13	ADS94661	Ads94661 Human 5-l
4462	8	40.0	20	13	ADR99858	Adr99858 SiRNA inh
c4463	8	40.0	20	13	ADS97320	Ads97320 Mouse p38
4464	8	40.0	20	13	ADS97316	Ads97316 Mouse p38
4465	8	40.0	20	13	ADS97317	Ads97317 Mouse p38
c4466	8	40.0	20	13	ADR86609	Adr86609 Human HCN
c4467	8	40.0	20	13	ADR86597	Adr86597 Human HCN
c4468	8	40.0	20	13	ADR87316	Adr87316 Human c-r
c4469	8	40.0	20	13	ADS73292	Ads73292 Plant 3 R
c4470	8	40.0	20	13	ADT00240	Adt00240 Novel mut
c4471	8	40.0	20	13	ADT01900	Adt01900 Novel mut
c4472	8	40.0	20	13	ADT02027	Adt02027 Novel mut
4473	8	40.0	20	13	ADT00654	Adt00654 Novel mut

c4474	8	40.0	20	13	ADT01739	Adt01739	Novel mut	c4547	8	40.0	21	2	AAX22962	Aax22962	Human ary
4475	8	40.0	20	13	ADT00698	Adt00698	Novel mut	4548	8	40.0	21	2	AAX78870	Aax78870	Human tis
c4476	8	40.0	20	13	ADT01257	Adt01257	Novel mut	c4549	8	40.0	21	2	AAX99289	Aax99289	Nucleotid
c4477	8	40.0	20	13	ADT00129	Adt00129	Novel mut	4550	8	40.0	21	2	AAV83098	Aav83098	Forward P
c4478	8	40.0	20	13	ADT01650	Adt01650	Novel mut	4551	8	40.0	21	2	AAV80161	Aav80161	Osf2/Cbfa
4479	8	40.0	20	13	ADS00266	Ads00266	Human dia	4552	8	40.0	21	2	AAX04476	Aax04476	Strain MO
c4480	8	40.0	20	13	ADR86894	Adr86894	Human eph	c4553	8	40.0	21	2	AAZ10345	Aaz10345	PCR prime
4481	8	40.0	20	13	ADR86902	Adr86902	Human eph	c4554	8	40.0	21	3	AAA11454	Aaa11454	Human dys
4482	8	40.0	20	13	ADR86917	Adr86917	Human eph	c4555	8	40.0	21	3	AAX82937	Aax82937	Human dys
4483	8	40.0	20	13	ADR86830	Adr86830	Human eph	c4556	8	40.0	21	3	AAA57885	Aaa57885	Arabidops
4484	8	40.0	20	13	ADS18004	Ads18004	HIV-1 DIS	c4557	8	40.0	21	3	AAA36846	Aaa36846	Human dys
c4485	8	40.0	20	13	ADT79939	Adt79939	Human squ	c4558	8	40.0	21	3	AAA36909	Aaa36909	Human dys
4486	8	40.0	20	13	ADT79872	Adt79872	Human squ	4559	8	40.0	21	3	AAA48689	Aaa48689	PCR prime
c4487	8	40.0	20	13	ADS15193	Ads15193	PPARgamma	c4560	8	40.0	21	3	AAA48688	Aaa48688	PCR prime
4488	8	40.0	20	13	ADR82472	Adr82472	Human Eph	4561	8	40.0	21	3	AAA48690	Aaa48690	PCR prime
c4489	8	40.0	20	13	ADR82449	Adr82449	Human Eph	c4562	8	40.0	21	3	AAA48687	Aaa48687	PCR prime
4490	8	40.0	20	13	ADR82385	Adr82385	Human Eph	4563	8	40.0	21	3	AAA75817	Aaa75817	PCR prime
4491	8	40.0	20	13	ADR82457	Adr82457	Human Eph	c4564	8	40.0	21	3	AAZ59124	Aaz59124	Primer de
4492	8	40.0	20	13	ADR74703	Adr74703	Allele sp	c4565	8	40.0	21	3	AAA63209	Aaa63209	Adenoviru
4493	8	40.0	21	2	AAQ06923	Aaq06923	MMy12 nuc	4566	8	40.0	21	3	AAZ49858	Aaz49858	Avidin up
c4494	8	40.0	21	2	AAQ31276	Aaq31276	CTXA1/1"O	c4567	8	40.0	21	3	AAZ88152	Aaz88152	Mouse pol
c4495	8	40.0	21	2	AAQ31277	Aaq31277	CTXA1/1P	c4568	8	40.0	21	3	AAZ30271	Aaz30271	PCR prime
4496	8	40.0	21	2	AAQ40886	Aaq40886	PCR prime	c4569	8	40.0	21	3	AAA63012	Aaa63012	Wildtype
4497	8	40.0	21	2	AAQ43775	Aaq43775	Human IgG	4570	8	40.0	21	3	AAZ76151	Aaz76151	Human bia
4498	8	40.0	21	2	AAQ37901	Aaq37901	Beta-case	4571	8	40.0	21	3	AAZ77265	Aaz77265	Human bia
c4499	8	40.0	21	2	AAQ78188	Aaq78188	Bacillus	4572	8	40.0	21	3	AAZ75410	Aaz75410	Human bia
c4500	8	40.0	21	2	AAQ65756	Aaq65756	Type II p	c4573	8	40.0	21	3	AAZ75804	Aaz75804	Human bia
4501	8	40.0	21	2	AAQ85686	Aaq85686	Intronic	4574	8	40.0	21	3	AAF22144	Aaf22144	Arabidops
4502	8	40.0	21	2	AAT03164	Aat03164	Human Mcl	c4575	8	40.0	21	3	AAZ37928	Aaz37928	E2A codin
4503	8	40.0	21	2	AAT01870	Aat01870	P.cepacia	c4576	8	40.0	21	3	AAA52584	Aaa52584	Adenoviru
c4504	8	40.0	21	2	AAQ78529	Aaq78529	Zipper ad	4577	8	40.0	21	3	AAA09812	Aaa09812	Human nuc
4505	8	40.0	21	2	AAQ81207	Aaq81207	Human str	4578	8	40.0	21	3	AAA09816	Aaa09816	Human nuc
c4506	8	40.0	21	2	AAT06821	Aat06821	Probe A (	c4579	8	40.0	21	3	AAZ56498	Aaz56498	Human vit
c4507	8	40.0	21	2	AAT18267	Aat18267	Hepatitis	c4580	8	40.0	21	3	AAC62424	Aac62424	Monocotyl
4508	8	40.0	21	2	AAT16170	Aat16170	Primer #2	4581	8	40.0	21	3	AAC71372	Aac71372	Single nu
c4509	8	40.0	21	2	AAT40023	Aat40023	Primer fo	4582	8	40.0	21	3	AAC71363	Aac71363	Single nu
4510	8	40.0	21	2	AAT40019	Aat40019	Human KAI	4583	8	40.0	21	3	AAC71378	Aac71378	Single nu
4511	8	40.0	21	2	AAT12295	Aat12295	Phospholi	4584	8	40.0	21	3	AAC71369	Aac71369	Single nu
c4512	8	40.0	21	2	AAT06546	Aat06546	Probe A (	4585	8	40.0	21	3	AAC71723	Aac71723	Single nu
4513	8	40.0	21	2	AAT38235	Aat38235	Multiple	4586	8	40.0	21	3	AAC71366	Aac71366	Single nu
4514	8	40.0	21	2	AAT73858	Aat73858	3' primer	4587	8	40.0	21	3	AAC71381	Aac71381	Single nu
4515	8	40.0	21	2	AAT98031	Aat98031	Human or	4588	8	40.0	21	3	AAC71375	Aac71375	Single nu
4516	8	40.0	21	2	AAT96875	Aat96875	Human pRb	4589	8	40.0	21	3	AAC71390	Aac71390	Single nu
c4517	8	40.0	21	2	AAT72190	Aat72190	OX-2 sign	c4590	8	40.0	21	3	AAA47779	Aaa47779	Primer (V
c4518	8	40.0	21	2	AAT48854	Aat48854	Human ade	4591	8	40.0	21	3	AAA66390	Aaa66390	Dog genom
4519	8	40.0	21	2	AAT76749	Aat76749	Primer #2	c4592	8	40.0	21	3	AAA94332	Aaa94332	Randomise
4520	8	40.0	21	2	AAV57726	Aav57726	Human chr	c4593	8	40.0	21	3	AAA94328	Aaa94328	Human c-m
c4521	8	40.0	21	2	AAV85728	Aav85728	LRP5 exon	c4594	8	40.0	21	3	AAA47584	Aaa47584	Primer us
4522	8	40.0	21	2	AAV52615	Aav52615	Human bet	4595	8	40.0	21	3	AAA76077	Aaa76077	Interleuk
4523	8	40.0	21	2	AAV28538	Aav28538	Mouse ICH	c4596	8	40.0	21	3	AAC73136	Aac73136	SNP flank
4524	8	40.0	21	2	AAV28532	Aav28532	Mouse ICH	4597	8	40.0	21	4	AAF29483	Aaf29483	Mouse GPV
c4525	8	40.0	21	2	AAV28531	Aav28531	Mouse ICH	c4598	8	40.0	21	4	AAF95312	Aaf95312	Human gen
c4526	8	40.0	21	2	AAV39135	Aav39135	Primer 4	4599	8	40.0	21	4	AAF96805	Aaf96805	Human gen
c4527	8	40.0	21	2	AAV48102	Aav48102	C-myc epi	c4600	8	40.0	21	4	AAF97102	Aaf97102	Human gen
c4528	8	40.0	21	2	AAV42574	Aav42574	PCR prime	c4601	8	40.0	21	4	AAF96096	Aaf96096	Human gen
c4529	8	40.0	21	2	AAV54775	Aav54775	PCR prime	4602	8	40.0	21	4	AAF97121	Aaf97121	Human gen
4530	8	40.0	21	2	AAV57649	Aav57649	Exon 8 of	c4603	8	40.0	21	4	AAF97371	Aaf97371	Human gen
c4531	8	40.0	21	2	AAV28053	Aav28053	Ataxia te	c4604	8	40.0	21	4	AAF95363	Aaf95363	Human gen
c4532	8	40.0	21	2	AAZ26211	Aaz26211	Human pol	c4605	8	40.0	21	4	AAD11608	Aad11608	m4-specif
c4533	8	40.0	21	2	AAZ26061	Aaz26061	Human pol	4606	8	40.0	21	4	AAI71272	Aai71272	Human CD1
c4534	8	40.0	21	2	AAZ26212	Aaz26212	Human pol	c4607	8	40.0	21	4	AAI71283	Aai71283	Human CD1
c4535	8	40.0	21	2	AAZ26390	Aaz26390	Human pol	4608	8	40.0	21	4	AAI66263	Aai66263	Ribosomal
4536	8	40.0	21	2	AAX84495	Aax84495	PCR prime	4609	8	40.0	21	4	AAH62379	Aah62379	Von Wille
4537	8	40.0	21	2	AAZ18122	Aaz18122	PTK 16 ge	4610	8	40.0	21	4	AAH62562	Aah62562	PDE3A pol
4538	8	40.0	21	2	AAZ18216	Aaz18216	Tyrosine	c4611	8	40.0	21	4	AAH62254	Aah62254	NF-kappa-
4539	8	40.0	21	2	AAZ18114	Aaz18114	PTK 12 ge	c4612	8	40.0	21	4	ABL53337	Abl53337	PCR prime
4540	8	40.0	21	2	AAZ18106	Aaz18106	PTK 8 gen	c4613	8	40.0	21	4	AAH40014	Aah40014	SNP speci
c4541	8	40.0	21	2	AAX01114	Aax01114	PCR prime	c4614	8	40.0	21	4	AAH39314	Aah39314	SNP speci
4542	8	40.0	21	2	AAX32281	Aax32281	Human nuc	c4615	8	40.0	21	4	AAF80186	Aaf80186	PCR prime
4543	8	40.0	21	2	AAX32277	Aax32277	Human nuc	4616	8	40.0	21	4	AAD06441	Aad06441	Human Mcl
c4544	8	40.0	21	2	AAX35164	Aax35164	PCr prime	4617	8	40.0	21	4	AAH45784	Aah45784	Human bet
4545	8	40.0	21	2	AAX55296	Aax55296	Mouse Pre	c4618	8	40.0	21	4	AAD09963	Aad09963	Zebrafish
4546	8	40.0	21	2	AAX56404	Aax56404	DNA-depen	4619	8	40.0	21	5	AAH41512	Aah41512	Rit1 rela

4620	8	40.0	21	5	AAH89137	Aah89137 Human pol
c4621	8	40.0	21	5	AAH89178	Aah89178 Human pol
4622	8	40.0	21	5	AAC62167	Aac62167 Oligomer
c4623	8	40.0	21	5	AAF58079	Aaf58079 Adenoviru
c4624	8	40.0	21	5	AAI65916	Aai65916 Antisense
c4625	8	40.0	21	5	AAF55456	Aaf55456 Primer us
4626	8	40.0	21	5	AAS11103	Aas11103 Bacterial
4627	8	40.0	21	5	AAS11055	Aas11055 Bacterial
4628	8	40.0	21	5	AAS11096	Aas11096 Bacterial
4629	8	40.0	21	5	AAS11084	Aas11084 Bacterial
c4630	8	40.0	21	5	AAC88809	Aac88809 Ad5 PCR p
4631	8	40.0	21	5	AAH46844	Aah46844 Nucleotid
c4632	8	40.0	21	5	ABA10202	Aba10202 Tail prim
4633	8	40.0	21	5	ABA82088	Aba82088 Zmax1 gen
c4634	8	40.0	21	6	ABA82883	Aba82883 Human pro
c4635	8	40.0	21	6	AAL40994	Aal40994 Anti-CD14
4636	8	40.0	21	6	AAL40983	Aal40983 Anti-CD14
c4637	8	40.0	21	6	ABS60250	Abs60250 Human pol
c4638	8	40.0	21	6	ABS60340	Abs60340 Human pol
c4639	8	40.0	21	6	ABS60249	Abs60249 Human pol
4640	8	40.0	21	6	ABS60346	Abs60346 Human pol
c4641	8	40.0	21	6	ABT08578	Abt08578 Human nov
4642	8	40.0	21	6	AAL41511	Aal41511 Phosphati
c4643	8	40.0	21	6	ABA96252	Aba96252 Human gla
c4644	8	40.0	21	6	ABX09290	Abx09290 Arteriosc
4645	8	40.0	21	6	ABN81613	Abn81613 Fungal de
c4646	8	40.0	21	6	ABK97941	Abk97941 IFN-con I
c4647	8	40.0	21	6	ABZ31187	Abz31187 Candida a
4648	8	40.0	21	6	ABK22885	Abk22885 Human Zma
4649	8	40.0	21	6	ABA93595	Aba93595 Hepatitis
4650	8	40.0	21	6	ABA93596	Aba93596 Hepatitis
c4651	8	40.0	21	6	ABK47058	Abk47058 Adenoviru
c4652	8	40.0	21	6	ABK67702	Abk67702 Novel tra
c4653	8	40.0	21	6	ABN80442	Abn80442 Oligonucl
c4654	8	40.0	21	6	ABN80439	Abn80439 DNA-RNA h
c4655	8	40.0	21	6	ABV73433	Abv73433 Mouse bet
c4656	8	40.0	21	6	ADH49177	Adh49177 NOV68 PCR
4657	8	40.0	21	6	ADI17405	Adi17405 PCR prime
c4658	8	40.0	21	7	ADI94992	Adi94992 Rat LIPC
4659	8	40.0	21	8	ABZ80935	Abz80935 Primer #2
4660	8	40.0	21	8	AAD51387	Aad51387 Beta-acti
c4661	8	40.0	21	8	ABX72362	Abx72362 Human NOV
4662	8	40.0	21	8	ABX17933	Abx17933 Glycoprot
c4663	8	40.0	21	8	ACC42182	Acc42182 Human cyt
4664	8	40.0	21	8	ACC45468	Acc45468 Human HBM
c4665	8	40.0	21	8	ACA60804	Aca60804 Mouse ant
c4666	8	40.0	21	8	ACC78658	Acc78658 Nucleotid
4667	8	40.0	21	8	ABV93668	Abv93668 Bacillus
4668	8	40.0	21	8	AAD50810	Aad50810 Beta-acti
4669	8	40.0	21	8	ABZ58275	Abz58275 Wingless
4670	8	40.0	21	8	ABT23379	Abt23379 Endotheli
c4671	8	40.0	21	8	ABZ59123	Abz59123 Human FZD
c4672	8	40.0	21	8	ABZ59124	Abz59124 Human FZD
4673	8	40.0	21	8	ACC57861	Acc57861 Matrix me
c4674	8	40.0	21	9	ACD06359	Acd06359 Forward R
c4675	8	40.0	21	9	ADA67758	Ada67758 Fusion pr
c4676	8	40.0	21	9	ACA62989	Aca62989 PCR prime
c4677	8	40.0	21	9	ADA37332	Ada37332 Cholester
c4678	8	40.0	21	9	ACD91586	Acd91586 Adenoviru
c4679	8	40.0	21	9	ACF79206	Acf79206 Porcine r
c4680	8	40.0	21	9	ACF36272	Acf36272 RSV antib
4681	8	40.0	21	10	ADB98166	Adb98166 Sequence
c4682	8	40.0	21	10	ADB79194	Adb79194 Nucleic a
c4683	8	40.0	21	10	ADB54381	Adb54381 PCR prime
c4684	8	40.0	21	10	ADB88593	Adb88593 Frizzled-
c4685	8	40.0	21	10	ADB88592	Adb88592 Frizzled-
4686	8	40.0	21	10	ADB88637	Adb88637 Frizzled-
c4687	8	40.0	21	10	ADC42648	Adc42648 Human FAN
4688	8	40.0	21	10	ADC38585	Adc38585 Transloca
c4689	8	40.0	21	10	ADC46896	Adc46896 KRT19 for
4690	8	40.0	21	10	ADC06754	Adc06754 Forward P
c4691	8	40.0	21	10	ADC16597	Adc16597 SCDH rela
4692	8	40.0	21	10	ADD14245	Add14245 Human src
c4693	8	40.0	21	10	ADD14550	Add14550 Human src
4694	8	40.0	21	10	ADD13873	Add13873 Human vKa
4695	8	40.0	21	10	ADD13874	Add13874 Human vKa
4696	8	40.0	21	10	ADD13870	Add13870 Human vKa
4697	8	40.0	21	10	ADD20236	Add20236 Oreochrom
c4698	8	40.0	21	10	ADD19974	Add19974 Oreochrom
4699	8	40.0	21	10	ADE13643	Ade13643 HLA class
4700	8	40.0	21	10	ADE13644	Ade13644 HLA class
c4701	8	40.0	21	10	ADE37782	Ade37782 Human EYA
4702	8	40.0	21	10	ADE34526	Ade34526 Human G-p
c4703	8	40.0	21	10	ADE34503	Ade34503 Human G-p
4704	8	40.0	21	10	ADF53098	Adf53098 Variant d
c4705	8	40.0	21	10	ADG40059	Adg40059 MMLV gag
4706	8	40.0	21	10	ADF92448	Adf92448 PCR prime
c4707	8	40.0	21	10	ADF87819	Adf87819 Single nu
c4708	8	40.0	21	10	ADF74622	Adf74622 RT-PCR pr
4709	8	40.0	21	10	ADF92490	Adf92490 Universal
4710	8	40.0	21	10	ADG10406	Adg10406 Mouse neu
4711	8	40.0	21	10	ADH76937	Adh76937 PCR prime
4712	8	40.0	21	10	ABZ97628	Abz97628 Human IL5
4713	8	40.0	21	10	ABZ84324	Abz84324 Toxicolog
c4714	8	40.0	21	10	ADK81933	Adk81933 Human PP2
4715	8	40.0	21	10	ADJ99048	Adj99048 Human cyp
4716	8	40.0	21	10	ADJ99054	Adj99054 Human cyp
4717	8	40.0	21	10	ADJ99050	Adj99050 Human cyp
4718	8	40.0	21	10	ADJ99056	Adj99056 Human cyp
4719	8	40.0	21	10	ADK18554	Adk18554 Human NOV
4720	8	40.0	21	10	ADK68307	Adk68307 Novel NOV
c4721	8	40.0	21	10	ADL25181	Adl25181 Intestina
4722	8	40.0	21	10	ADL24875	Adl24875 Intestina
4723	8	40.0	21	10	ADL25228	Adl25228 Intestina
4724	8	40.0	21	11	ADJ13034	Adj13034 Human DNA
4725	8	40.0	21	11	ADJ13176	Adj13176 Human DNA
4726	8	40.0	21	11	ADJ13098	Adj13098 Human DNA
4727	8	40.0	21	11	ADJ13316	Adj13316 Human DNA
c4728	8	40.0	21	11	ADJ13755	Adj13755 Human DNA
4729	8	40.0	21	11	ABD30659	Abd30659 Human IL5
4730	8	40.0	21	12	ADF92058	Adf92058 Human cyt
4731	8	40.0	21	12	ADF92057	Adf92057 Human cyt
c4732	8	40.0	21	12	ADF91981	Adf91981 Human cyt
4733	8	40.0	21	12	ADF92056	Adf92056 Human cyt
4734	8	40.0	21	12	ADH14325	Adh14325 Retinobla
c4735	8	40.0	21	12	ADI79490	Adi79490 Mouse HMG
c4736	8	40.0	21	12	ADI03757	Adi03757 Human ERM
4737	8	40.0	21	12	ADI32569	Adi32569 PCR prime
4738	8	40.0	21	12	ADK95879	Adk95879 Primer of
c4739	8	40.0	21	12	ADK97004	Adk97004 Primer of
4740	8	40.0	21	12	ADK96414	Adk96414 Primer of
4741	8	40.0	21	12	ADJ59449	Adj59449 Oligonucl
c4742	8	40.0	21	12	ADK70226	Adk70226 Mouse ger
4743	8	40.0	21	12	ADL09493	Adl09493 HLA locus
4744	8	40.0	21	12	ADL09494	Adl09494 HLA locus
c4745	8	40.0	21	12	ADJ76452	Adj76452 SLC34A2 p
4746	8	40.0	21	12	ADK98533	Adk98533 Human pro
c4747	8	40.0	21	12	ADL61584	Adl61584 Human pro
4748	8	40.0	21	12	ADN42494	Adn42494 Human NOV
4749	8	40.0	21	12	ADL61634	Adl61634 Human end
c4750	8	40.0	21	12	ADN35346	Adn35346 Human NSC
c4751	8	40.0	21	12	ADO09943	Ado09943 Human NOV
c4752	8	40.0	21	12	ADN75207	Adn75207 cdc14a.1
4753	8	40.0	21	12	ADN75203	Adn75203 cdc14a.1
4754	8	40.0	21	12	ADN75206	Adn75206 cdc14a.1
4755	8	40.0	21	12	ADM97690	Adm97690 Human pro
c4756	8	40.0	21	12	ADN96255	Adn96255 Human NOV
4757	8	40.0	21	12	ADO44939	Ado44939 Human oli
4758	8	40.0	21	12	ADN40826	Adn40826 Human cyt
c4759	8	40.0	21	12	ADO50332	Ado50332 Human ADA
c4760	8	40.0	21	12	ADO16563	Ado16563 4 synthes
4761	8	40.0	21	12	ADO22278	Ado22278 RT-PCR pr
4762	8	40.0	21	12	ADP48181	Adp48181 Human MRC
4763	8	40.0	21	12	ADP96263	Adp96263 Forward p
c4764	8	40.0	21	12	ADQ76359	Adq76359 Forward p
c4765	8	40.0	21	12	ADQ26879	Adq26879 Beta-cate

c4766	8	40.0	21	12	ADQ78318	Adq78318	N tabacum	c4839	8	40.0	22	6	ABL52796	Abl52796	Primer us
c4767	8	40.0	21	12	ADQ13668	Adq13668	DMD regio	4840	8	40.0	22	6	ABS59164	Abs59164	Human G-p
c4768	8	40.0	21	13	ADQ80895	Adq80895	Caspase-7	4841	8	40.0	22	6	ABS58949	Abs58949	Human G-p
4769	8	40.0	21	13	ADR49296	Adr49296	Human NOV	4842	8	40.0	22	6	ABS58952	Abs58952	Human G-p
4770	8	40.0	21	13	ADR17031	Adr17031	Human chr	c4843	8	40.0	22	6	AAS20383	Aas20383	Human VH
c4771	8	40.0	21	13	ADR18473	Adr18473	Human GOB	4844	8	40.0	22	6	ABQ88511	Abq88511	Human GPC
c4772	8	40.0	21	13	ADR18469	Adr18469	Human GOB	4845	8	40.0	22	6	ABQ88514	Abq88514	Human GPC
4773	8	40.0	21	13	ADR18470	Adr18470	Human GOB	c4846	8	40.0	22	6	ABS63187	Abs63187	Identific
4774	8	40.0	21	13	ADR18303	Adr18303	Human GOB	c4847	8	40.0	22	6	ABK10916	Abk10916	PCR prime
4775	8	40.0	21	13	ADR18474	Adr18474	Human GOB	4848	8	40.0	22	6	AAS20546	Aas20546	Human uro
4776	8	40.0	21	13	ADR47682	Adr47682	Human chr	c4849	8	40.0	22	6	ABZ21818	Abz21818	Schwann's
c4777	8	40.0	21	13	ADS93555	Ads93555	Human MRC	4850	8	40.0	22	6	ABA90604	Aba90604	Lactococc
c4778	8	40.0	21	13	ADS93636	Ads93636	Human MRC	c4851	8	40.0	22	6	ABA90649	Aba90649	Lactococc
4779	8	40.0	21	13	ADS93588	Ads93588	Human MRC	4852	8	40.0	22	6	ABL43867	Abl43867	Human chr
4780	8	40.0	21	13	ADR86751	Adr86751	Human eph	4853	8	40.0	22	6	ABL44221	Abl44221	Human chr
c4781	8	40.0	21	13	ADR86961	Adr86961	Human eph	c4854	8	40.0	22	6	ABA99567	Aba99567	Tomato me
c4782	8	40.0	21	13	ADR86962	Adr86962	Human eph	c4855	8	40.0	22	6	ABL59345	Abl59345	PCR prime
4783	8	40.0	21	13	ADR86931	Adr86931	Human eph	4856	8	40.0	22	6	AAI67949	Aai67949	Human CCR
4784	8	40.0	21	13	ADS82525	Ads82525	RT-PCR pr	c4857	8	40.0	22	6	ABN89145	Abn89145	Human GPC
c4785	8	40.0	21	13	ADR82516	Adr82516	Human Eph	c4858	8	40.0	22	6	ABZ31410	Abz31410	Candida a
4786	8	40.0	21	13	ADR82316	Adr82316	Human Eph	c4859	8	40.0	22	6	ABK29088	Abk29088	Cladospor
4787	8	40.0	21	13	ADR82486	Adr82486	Human Eph	c4860	8	40.0	22	6	ABL51484	Abl51484	Human mit
c4788	8	40.0	21	13	ADR82517	Adr82517	Human Eph	4861	8	40.0	22	6	ABK50626	Abk50626	Human cyc
4789	8	40.0	21	13	ADR74704	Adr74704	Allele sp	4862	8	40.0	22	6	ABN84962	Abn84962	Retroviru
c4790	8	40.0	21	13	ADR74594	Adr74594	Common pr	c4863	8	40.0	22	6	ABV73240	Abv73240	Wheat pur
c4791	8	40.0	22	1	AAN60530	Aan60530	Modified	c4864	8	40.0	22	6	ABN99491	Abn99491	Fungi PCR
4792	8	40.0	22	1	AAN91270	Aan91270	Olignucle	c4865	8	40.0	22	6	ABN89747	Abn89747	Human ABC
c4793	8	40.0	22	2	AAQ34637	Aaq34637	Human b1a	c4866	8	40.0	22	6	ADH48968	Adh48968	NOV3 PCR
c4794	8	40.0	22	2	AAQ34639	Aaq34639	Human b2a	c4867	8	40.0	22	6	ADH48965	Adh48965	NOV3 PCR
c4795	8	40.0	22	2	AAQ57215	Aaq57215	Enzymatic	4868	8	40.0	22	6	ADI17778	Adi17778	Reverse P
4796	8	40.0	22	2	AAT04548	Aat04548	Primer MK	4869	8	40.0	22	6	ADI17668	Adi17668	Forward P
c4797	8	40.0	22	2	AAQ82266	Aaq82266	Chromosom	4870	8	40.0	22	6	ADI17544	Adi17544	Reverse P
c4798	8	40.0	22	2	AAT02482	Aat02482	Primer fo	4871	8	40.0	22	6	ADI17665	Adi17665	Forward P
4799	8	40.0	22	2	AAQ89433	Aaq89433	Human asp	c4872	8	40.0	22	8	ACD13272	Acd13272	Novel hum
c4800	8	40.0	22	2	AAQ93472	Aaq93472	Hammerhea	4873	8	40.0	22	8	ABV76837	Abv76837	Primer us
c4801	8	40.0	22	2	AAX63379	Aax63379	Human str	4874	8	40.0	22	8	ABX72291	Abx72291	Human NOV
c4802	8	40.0	22	2	AAV01402	Aav01402	Primer AS	4875	8	40.0	22	8	ABZ10342	Abz10342	Haematopo
4803	8	40.0	22	2	AAT89358	Aat89358	Marek's D	4876	8	40.0	22	8	ABX12880	Abx12880	Sense PCR
4804	8	40.0	22	2	AAT77665	Aat77665	Wheat mic	c4877	8	40.0	22	8	ACC80043	Acc80043	Human HDA
4805	8	40.0	22	2	AAV51800	Aav51800	Zea mays	c4878	8	40.0	22	8	ABX56307	Abx56307	Human NOV
c4806	8	40.0	22	2	AAX09584	Aax09584	Human bia	c4879	8	40.0	22	8	ABT33571	Abt33571	NOV rever
c4807	8	40.0	22	2	AAV68410	Aav68410	Human BAZ	c4880	8	40.0	22	8	ABT33565	Abt33565	NOV rever
4808	8	40.0	22	2	AAV22670	Aav22670	Primer of	c4881	8	40.0	22	8	ABZ75419	Abz75419	Human cyt
c4809	8	40.0	22	2	AAX02280	Aax02280	PCR prime	4882	8	40.0	22	8	ACC58096	Acc58096	Cyclophil
c4810	8	40.0	22	2	AAX25647	Aax25647	EPO-fusio	c4883	8	40.0	22	9	ACD02528	Acd02528	PCR prime
4811	8	40.0	22	2	AAX18149	Aax18149	GI tract	c4884	8	40.0	22	9	ACD02534	Acd02534	PCR prime
4812	8	40.0	22	2	AAX02582	Aax02582	PCR prime	c4885	8	40.0	22	9	ACD68590	Acd68590	Secreted
c4813	8	40.0	22	2	AAX25708	Aax25708	Human ery	c4886	8	40.0	22	9	ACH04692	Ach04692	Human sec
4814	8	40.0	22	3	AAA71353	Aaa71353	Human LD7	c4887	8	40.0	22	9	ACD68236	Acd68236	Secreted
c4815	8	40.0	22	3	AAA26957	Aaa26957	PCR prime	c4888	8	40.0	22	9	ACF35819	Acf35819	Keratin 1
4816	8	40.0	22	3	AAZ55478	Aaz55478	Human STR	4889	8	40.0	22	10	ADC13713	Adc13713	Human NOV
c4817	8	40.0	22	3	AAA37243	Aaa37243	Human PRO	c4890	8	40.0	22	10	ADC26521	Adc26521	NOV prote
c4818	8	40.0	22	3	AAA66938	Aaa66938	Dog genom	c4891	8	40.0	22	10	ADC26428	Adc26428	NOV prote
4819	8	40.0	22	3	AAC65038	Aac65038	Bcl2 RNA	4892	8	40.0	22	10	ADC69934	Adc69934	Primer ol
c4820	8	40.0	22	4	AAF54553	Aaf54553	Primer #6	c4893	8	40.0	22	10	ADC18344	Adc18344	Human PRO
c4821	8	40.0	22	4	AAF31078	Aaf31078	Rat GFRal	c4894	8	40.0	22	10	ADC66121	Adc66121	Human CFT
4822	8	40.0	22	4	AAF31069	Aaf31069	Rat GFRal	4895	8	40.0	22	10	ADD13869	Add13869	Human vKa
c4823	8	40.0	22	4	AAF91639	Aaf91639	Primer #1	c4896	8	40.0	22	10	ADD67486	Add67486	S. aureus
4824	8	40.0	22	4	AAH27531	Aah27531	Drosophil	c4897	8	40.0	22	10	ADD70990	Add70990	Human sec
4825	8	40.0	22	4	AAI65509	Aai65509	PCR prime	c4898	8	40.0	22	10	ADD40067	Add40067	Human sec
c4826	8	40.0	22	4	AAF84404	Aaf84404	PCR prime	c4899	8	40.0	22	10	ADD70513	Add70513	Human sec
4827	8	40.0	22	4	AAH38929	Aah38929	SNP speci	c4900	8	40.0	22	10	ADD38634	Add38634	Human sec
c4828	8	40.0	22	4	AAH39645	Aah39645	SNP speci	c4901	8	40.0	22	10	ADD39590	Add39590	Human sec
4829	8	40.0	22	4	AAI66922	Aai66922	SSP1 cDNA	4902	8	40.0	22	10	ADD29443	Add29443	Rat G-pro
4830	8	40.0	22	4	ABN93478	Abn93478	Human gen	c4903	8	40.0	22	10	ADD39113	Add39113	Human sec
c4831	8	40.0	22	4	AAS13931	Aas13931	Drosophil	c4904	8	40.0	22	10	ADD40544	Add40544	Human sec
c4832	8	40.0	22	4	AAS08108	Aas08108	Staphyloc	c4905	8	40.0	22	10	ADE28956	Ade28956	Reverse A
c4833	8	40.0	22	5	AAF69733	Aaf69733	Human IL4	c4906	8	40.0	22	10	ADE28959	Ade28959	Reverse A
4834	8	40.0	22	5	AAF69673	Aaf69673	Human IL4	c4907	8	40.0	22	10	ADE50765	Ade50765	Human sec
4835	8	40.0	22	5	AAD07095	Aad07095	Human STE	c4908	8	40.0	22	10	ADE20377	Ade20377	Human sec
4836	8	40.0	22	6	ABA91858	Aba91858	Methyl Cp	c4909	8	40.0	22	10	ADE50288	Ade50288	Human sec
c4837	8	40.0	22	6	ABL92768	Abl92768	G protein	4910	8	40.0	22	10	ADE84262	Ade84262	Human lym
c4838	8	40.0	22	6	ABL92916	Abl92916	G protein	c4911	8	40.0	22	10	ADE21846	Ade21846	Human sec

4912	8	40.0	22	10	ADE40404	Ade40404 Forward A
c4913	8	40.0	22	10	ADE40407	Ade40407 Forward A
4914	8	40.0	22	10	ADE16067	Ade16067 G-coupled
c4915	8	40.0	22	10	ADE73710	Ade73710 Mutant ba
c4916	8	40.0	22	10	ADF32359	Adf32359 Oligonucl
4917	8	40.0	22	10	AAD64579	Aad64579 c-hER-Xba
c4918	8	40.0	22	10	ADF30271	Adf30271 Human sec
4919	8	40.0	22	10	ADF53099	Adf53099 Variant d
c4920	8	40.0	22	10	ADF56164	Adf56164 Human sec
c4921	8	40.0	22	10	ADF92452	Adf92452 PCR prime
4922	8	40.0	22	10	ADF92453	Adf92453 PCR prime
4923	8	40.0	22	10	ADG19024	Adg19024 Maize ZmM
4924	8	40.0	22	10	ADF87495	Adf87495 Single nu
c4925	8	40.0	22	10	ADF87523	Adf87523 Single nu
c4926	8	40.0	22	10	ADG43841	Adg43841 Human N-a
c4927	8	40.0	22	10	ADG91836	Adg91836 Human mit
c4928	8	40.0	22	10	ADH99668	Adh99668 Human sec
4929	8	40.0	22	10	ADI04465	Adi04465 Human G-p
4930	8	40.0	22	10	ADI04462	Adi04462 Human G-p
4931	8	40.0	22	10	ADH93395	Adh93395 Human gen
c4932	8	40.0	22	10	ABX70745	Abx70745 Human RTQ
c4933	8	40.0	22	10	ABX70748	Abx70748 Human RTQ
c4934	8	40.0	22	10	ADJ95396	Adj95396 Novel NOV
c4935	8	40.0	22	10	ADJ94097	Adj94097 Tumour-as
4936	8	40.0	22	11	ADM57698	Adm57698 Encephali
4937	8	40.0	22	11	ADM57794	Adm57794 Control c
c4938	8	40.0	22	11	ADM65275	Adm65275 NRY polym
c4939	8	40.0	22	11	ADM65505	Adm65505 Human Y c
c4940	8	40.0	22	11	ADM65309	Adm65309 NRY polym
4941	8	40.0	22	11	ADO84938	Ado84938 Human BRC
4942	8	40.0	22	12	ADE86105	Ade86105 PCR prime
c4943	8	40.0	22	12	ADE96848	Ade96848 Human sec
c4944	8	40.0	22	12	ADF26159	Adf26159 Human sec
c4945	8	40.0	22	12	ADF25058	Adf25058 Human sec
c4946	8	40.0	22	12	ADF29794	Adf29794 Human sec
c4947	8	40.0	22	12	ADE97325	Ade97325 Human sec
c4948	8	40.0	22	12	ADH03363	Adh03363 Human sec
c4949	8	40.0	22	12	ADH04317	Adh04317 Human sec
c4950	8	40.0	22	12	ADH03840	Adh03840 Human sec
c4951	8	40.0	22	12	ADH04794	Adh04794 Human sec
c4952	8	40.0	22	12	ADI57161	Adi57161 Oryza min
c4953	8	40.0	22	12	ADH61795	Adh61795 Human sec
c4954	8	40.0	22	12	ADK98305	Adk98305 Primer of
c4955	8	40.0	22	12	ADK95419	Adk95419 Primer of
4956	8	40.0	22	12	ADL89999	Adl89999 Gluconoba
c4957	8	40.0	22	12	ADJ65055	Adj65055 HIV-2 nef
4958	8	40.0	22	12	ADL94006	Adl94006 Human G-c
4959	8	40.0	22	12	ADK00196	Adk00196 Murine pm
4960	8	40.0	22	12	ADN42753	Adn42753 Human NOV
4961	8	40.0	22	12	ADN42633	Adn42633 Human NOV
4962	8	40.0	22	12	ADN42863	Adn42863 Human NOV
4963	8	40.0	22	12	ADN42756	Adn42756 Human NOV
c4964	8	40.0	22	12	ADM93704	Adm93704 Human NOV
c4965	8	40.0	22	12	ADM93701	Adm93701 Human NOV
c4966	8	40.0	22	12	ADL94994	Adl94994 Human sec
c4967	8	40.0	22	12	ADO42570	Ado42570 Human NOV
4968	8	40.0	22	12	ADO12006	Ado12006 Single mu
c4969	8	40.0	22	12	ADO80341	Ado80341 Mouse pho
4970	8	40.0	22	12	ADO16390	Ado16390 4 synthes
c4971	8	40.0	22	12	ADP26638	Adp26638 Human cyt
c4972	8	40.0	22	12	ADP12374	Adp12374 Taqman pr
c4973	8	40.0	22	12	ADO47659	Ado47659 Control o
c4974	8	40.0	22	12	ADP49160	Adp49160 Human nic
c4975	8	40.0	22	12	ADP98059	Adp98059 C. albica
c4976	8	40.0	22	13	ADQ79858	Adq79858 Molecular
4977	8	40.0	22	13	ADR00104	Adr00104 Bcl2 PCR
c4978	8	40.0	22	13	ADQ93980	Adq93980 PCR prime
4979	8	40.0	22	13	ADR05015	Adr05015 PCR prime
4980	8	40.0	22	13	ADR15351	Adr15351 Human gen
4981	8	40.0	22	13	ADS89886	Ads89886 Human PCR
c4982	8	40.0	22	13	ADR73213	Adr73213 Thale cre
c4983	8	40.0	22	13	ADT00082	Adt00082 Novel mut
c4984	8	40.0	22	13	ADT01646	Adt01646 Novel mut
4985	8	40.0	22	13	ADT89345	Adt89345 Mouse HNF
4986	8	40.0	22	13	ADS13929	Ads13929 PCR prime
c4987	8	40.0	22	13	ADS17814	Ads17814 Real-time
4988	8	40.0	23	2	AAQ35646	Aaq35646 SIV pol p
4989	8	40.0	23	2	AAQ21836	Aaq21836 Polyamine
4990	8	40.0	23	2	AAQ33199	Aaq33199 PCR prime
4991	8	40.0	23	2	AAQ32561	Aaq32561 HCV NS2-N
c4992	8	40.0	23	2	AAQ52065	Aaq52065 Breast ca
4993	8	40.0	23	2	AAQ35367	Aaq35367 PCR prime
4994	8	40.0	23	2	AAQ68503	Aaq68503 Vibrio ch
c4995	8	40.0	23	2	AAQ78526	Aaq78526 Zipper ad
c4996	8	40.0	23	2	AAQ78527	Aaq78527 Zipper ad
4997	8	40.0	23	2	AAT35316	Aat35316 Human SH-
c4998	8	40.0	23	2	AAV01285	Aav01285 Skeletal
4999	8	40.0	23	2	AAT95618	Aat95618 Primer fo
5000	8	40.0	23	2	AAT68928	Aat68928 PCR prime
5001	8	40.0	23	2	AAT76064	Aat76064 Human A2b
5002	8	40.0	23	2	AAT69145	Aat69145 Primer fo
5003	8	40.0	23	2	AAT79734	Aat79734 STF-1 TSE
5004	8	40.0	23	2	AAV51915	Aav51915 Zea mays
5005	8	40.0	23	2	AAV36073	Aav36073 PCR prime
5006	8	40.0	23	2	AAV34093	Aav34093 Methionin
c5007	8	40.0	23	2	AAV17252	Aav17252 Primer BS
c5008	8	40.0	23	2	AAT96126	Aat96126 Primer sp
c5009	8	40.0	23	2	AAV00066	Aav00066 Human G-p
5010	8	40.0	23	2	AAT96233	Aat96233 Primer fo
5011	8	40.0	23	2	AAV56520	Aav56520 Human DP2
5012	8	40.0	23	2	AAZ06416	Aaz06416 Primer pr
c5013	8	40.0	23	2	AAX77147	Aax77147 Nerve mut
5014	8	40.0	23	2	AAX24028	Aax24028 Human AOM
5015	8	40.0	23	2	AAX53857	Aax53857 Human ade
5016	8	40.0	23	2	AAV71806	Aav71806 Murine Ig
5017	8	40.0	23	2	AAX06589	Aax06589 (-)-limon
5018	8	40.0	23	2	AAZ27813	Aaz27813 PCR prime
c5019	8	40.0	23	2	AAX56007	Aax56007 Human tum
5020	8	40.0	23	2	AAX15439	Aax15439 PCR prime
c5021	8	40.0	23	2	AAZ10211	Aaz10211 PCR prime
c5022	8	40.0	23	3	AAA76180	Aaa76180 beta-acti
5023	8	40.0	23	3	AAA33300	Aaa33300 Low adeno
5024	8	40.0	23	3	AAZ61523	Aaz61523 Primer 1U
5025	8	40.0	23	3	AAA60645	Aaa60645 Human HNR
5026	8	40.0	23	3	AAA93660	Aaa93660 Human SEC
c5027	8	40.0	23	3	AAZ45741	Aaz45741 PCR prime
c5028	8	40.0	23	3	AAA08739	Aaa08739 Ehrlichia
5029	8	40.0	23	3	AAA10538	Aaa10538 PCR prime
5030	8	40.0	23	3	AAZ48471	Aaz48471 Mouse Ha-
5031	8	40.0	23	3	AAA03702	Aaa03702 Human ade
5032	8	40.0	23	3	AAZ88927	Aaz88927 Hepatitis
5033	8	40.0	23	3	AAA07971	Aaa07971 Human Apo
5034	8	40.0	23	3	AAF19422	Aaf19422 Human ade
5035	8	40.0	23	3	AAA93522	Aaa93522 Human APC
c5036	8	40.0	23	3	AAA37291	Aaa37291 Human PRO
5037	8	40.0	23	3	AAA47517	Aaa47517 Primer fo
c5038	8	40.0	23	4	AAF54446	Aaf54446 Probe #48
5039	8	40.0	23	4	AAS15349	Aas15349 Interleuk
5040	8	40.0	23	4	ABL50505	Abl50505 Mla1 rela
5041	8	40.0	23	4	AAC86472	Aac86472 Maize Mac
c5042	8	40.0	23	4	AAS15309	Aas15309 Mouse CD4
c5043	8	40.0	23	4	AAF27893	Aaf27893 Human NOV
c5044	8	40.0	23	4	AAF69885	Aaf69885 Human TNF
c5045	8	40.0	23	4	AAF69922	Aaf69922 Human TNF
c5046	8	40.0	23	4	AAF69905	Aaf69905 Human TNF
c5047	8	40.0	23	4	AAF69884	Aaf69884 Human TNF
c5048	8	40.0	23	4	AAF69915	Aaf69915 Human TNF
c5049	8	40.0	23	4	AAF69896	Aaf69896 Human TNF
c5050	8	40.0	23	4	AAF69937	Aaf69937 Human TNF
c5051	8	40.0	23	4	AAF69882	Aaf69882 Human TNF
c5052	8	40.0	23	4	AAF69883	Aaf69883 Human TNF
c5053	8	40.0	23	4	AAF69914	Aaf69914 Human TNF
5054	8	40.0	23	4	AAF76635	Aaf76635 Spearmint
5055	8	40.0	23	4	AAH38062	Aah38062 SNP speci
5056	8	40.0	23	4	AAH39646	Aah39646 SNP speci
c5057	8	40.0	23	5	AAF69671	Aaf69671 Human IL4

c5058	8	40.0	23	5	AAS22393	Aas22393 Human COL
c5059	8	40.0	23	6	ABA04492	Aba04492 Human PP3
5060	8	40.0	23	6	AAD29832	Aad29832 Arabidops
c5061	8	40.0	23	6	ABA04473	Aba04473 Human PP3
c5062	8	40.0	23	6	ABA04467	Aba04467 Human PP1
5063	8	40.0	23	6	ABK41560	Abk41560 Human alp
5064	8	40.0	23	6	ABS67191	Abs67191 DP1, SRP1
5065	8	40.0	23	6	AAD25557	Aad25557 HIV-1 HXB
5066	8	40.0	23	6	ABK66030	Abk66030 Human gen
c5067	8	40.0	23	6	AAL40287	Aal40287 Caspase 6
c5068	8	40.0	23	6	ABA96253	Aba96253 Human gla
5069	8	40.0	23	6	ABT04449	Abt04449 Human G-p
5070	8	40.0	23	6	ABT04452	Abt04452 Human G-p
5071	8	40.0	23	6	ABK97993	Abk97993 Cell-TRAP
5072	8	40.0	23	6	ABZ31162	Abz31162 Candida a
5073	8	40.0	23	6	AAD43988	Aad43988 Beta-case
5074	8	40.0	23	6	ABL61549	Abl61549 Murine Ha
5075	8	40.0	23	6	AAD22060	Aad22060 pUC-apoE4
c5076	8	40.0	23	6	AAD22059	Aad22059 pUC-apoE4
5077	8	40.0	23	6	AAD45003	Aad45003 Psammomys
5078	8	40.0	23	6	AAL48414	Aal48414 Human vit
c5079	8	40.0	23	8	ADA05956	Ada05956 Human NOV
5080	8	40.0	23	8	ABZ76108	Abz76108 H. annus
c5081	8	40.0	23	8	ACC70349	Acc70349 Primer us
c5082	8	40.0	23	8	ABT33426	Abt33426 NOV probe
c5083	8	40.0	23	9	ACF39570	Acf39570 BARCODE-M
c5084	8	40.0	23	9	ACF39573	Acf39573 BARCODE-M
c5085	8	40.0	23	9	ACF39588	Acf39588 BARCODE-M
c5086	8	40.0	23	9	ACD68485	Acd68485 Novel hum
5087	8	40.0	23	9	ADA23338	Ada23338 Human SEC
c5088	8	40.0	23	9	ACD40298	Acd40298 Breast tu
c5089	8	40.0	23	9	ACH04587	Ach04587 Human sec
c5090	8	40.0	23	9	ACD68131	Acd68131 Novel hum
c5091	8	40.0	23	10	ADB61422	Adb61422 GPR40 DNA
c5092	8	40.0	23	10	ADC18217	Adc18217 Human PRO
5093	8	40.0	23	10	ADC87642	Adc87642 Human KKL
c5094	8	40.0	23	10	ADD70863	Add70863 Human sec
c5095	8	40.0	23	10	ADD39940	Add39940 Human sec
c5096	8	40.0	23	10	ADD70386	Add70386 Human sec
c5097	8	40.0	23	10	ADD38507	Add38507 Human sec
c5098	8	40.0	23	10	ADD39463	Add39463 Human sec
5099	8	40.0	23	10	ADD68807	Add68807 CASF1 bet
c5100	8	40.0	23	10	ADD38986	Add38986 Human sec
c5101	8	40.0	23	10	ADD40417	Add40417 Human sec
c5102	8	40.0	23	10	ADE50638	Ade50638 Human sec
c5103	8	40.0	23	10	ADE20250	Ade20250 Human sec
5104	8	40.0	23	10	ADE77610	Ade77610 Human pro
c5105	8	40.0	23	10	ADE50161	Ade50161 Human sec
c5106	8	40.0	23	10	ADE21719	Ade21719 Human sec
c5107	8	40.0	23	10	ADF13741	Adf13741 PCR prime
c5108	8	40.0	23	10	ADF13783	Adf13783 Bt176-cry
c5109	8	40.0	23	10	ADF13826	Adf13826 Bt176-Cry
5110	8	40.0	23	10	ADF13743	Adf13743 PCR prime
5111	8	40.0	23	10	ADF50613	Adf50613 Functiona
c5112	8	40.0	23	10	ADF30144	Adf30144 Human sec
5113	8	40.0	23	10	ADF55311	Adf55311 SINE fami
c5114	8	40.0	23	10	ADF56037	Adf56037 Human sec
5115	8	40.0	23	10	ADG89192	Adg89192 Cancer de
c5116	8	40.0	23	10	ADH99541	Adh99541 Human sec
c5117	8	40.0	23	10	ADH94118	Adh94118 Human gen
5118	8	40.0	23	10	ABZ95116	Abz95116 Human ade
5119	8	40.0	23	10	ABV74518	Abv74518 Human G p
5120	8	40.0	23	10	ABX13005	Abx13005 Oxidative
c5121	8	40.0	23	10	AAD53934	Aad53934 Oligo #22
c5122	8	40.0	23	11	ADM86403	Adm86403 Salmonell
c5123	8	40.0	23	11	ADM56432	Adm56432 Human cel
5124	8	40.0	23	11	ADO58601	Ado58601 Porcine a
5125	8	40.0	23	11	ABD18975	Abd18975 Human ade
c5126	8	40.0	23	12	ADF66795	Adf66795 Novel hum
c5127	8	40.0	23	12	ADE96721	Ade96721 Human sec
c5128	8	40.0	23	12	ADF26032	Adf26032 Human sec
c5129	8	40.0	23	12	ADF24931	Adf24931 Human sec
c5130	8	40.0	23	12	ADF29667	Adf29667 Human sec
c5131	8	40.0	23	12	ADE97198	Ade97198 Human sec
c5132	8	40.0	23	12	ADH03236	Adh03236 Human sec
c5133	8	40.0	23	12	ADH04190	Adh04190 Human sec
c5134	8	40.0	23	12	ADH03713	Adh03713 Human sec
5135	8	40.0	23	12	ADH31202	Adh31202 Human G-p
5136	8	40.0	23	12	ADH31199	Adh31199 Human G-p
5137	8	40.0	23	12	ADH42662	Adh42662 Novel hum
5138	8	40.0	23	12	ADH42665	Adh42665 Novel hum
c5139	8	40.0	23	12	ADH04667	Adh04667 Human sec
5140	8	40.0	23	12	ADI82199	Adi82199 RTQ PCR p
c5141	8	40.0	23	12	ADH61668	Adh61668 Human sec
c5142	8	40.0	23	12	ADI19832	Adi19832 Human NOV
5143	8	40.0	23	12	ADK95601	Adk95601 Primer of
5144	8	40.0	23	12	ADK98532	Adk98532 Human pro
c5145	8	40.0	23	12	ADM74256	Adm74256 Human NOV
c5146	8	40.0	23	12	ADO18220	Ado18220 Primer of
5147	8	40.0	23	12	ADN35469	Adn35469 Human NSC
5148	8	40.0	23	12	ADN35375	Adn35375 Human NSC
5149	8	40.0	23	12	ADN35513	Adn35513 Human NSC
c5150	8	40.0	23	12	ADN63110	Adn63110 Human NOV
c5151	8	40.0	23	12	ADL94867	Adl94867 Human sec
5152	8	40.0	23	12	ADM92395	Adm92395 Pancreati
5153	8	40.0	23	12	ADM92433	Adm92433 Pancreati
c5154	8	40.0	23	12	ADO60305	Ado60305 Human NOV
5155	8	40.0	23	12	ADO10637	Ado10637 Single mu
c5156	8	40.0	23	12	ADO11767	Ado11767 Single mu
c5157	8	40.0	23	12	ADO16789	Ado16789 4 synthes
c5158	8	40.0	23	12	ADP11552	Adp11552 Taqman pr
5159	8	40.0	23	13	ADR28277	Adr28277 Human low
c5160	8	40.0	23	13	ADR70378	Adr70378 Polioviru
5161	8	40.0	23	13	ADS93726	Ads93726 PRF1 anti
5162	8	40.0	23	13	ADR70509	Adr70509 Forward R
c5163	8	40.0	23	13	ADS16831	Ads16831 Lhd4-rela
c5164	8	40.0	24	2	AAQ23830	Aaq23830 Primer RH
5165	8	40.0	24	2	AAQ23716	Aaq23716 Primer Hu
c5166	8	40.0	24	2	AAQ36528	Aaq36528 3'-5' pri
5167	8	40.0	24	2	AAQ37250	Aaq37250 MVR flank
c5168	8	40.0	24	2	AAQ73829	Aaq73829 P. occult
5169	8	40.0	24	2	AAQ61585	Aaq61585 Sickle ce
5170	8	40.0	24	2	AAQ72364	Aaq72364 Adenomato
5171	8	40.0	24	2	AAQ61787	Aaq61787 Binding p
5172	8	40.0	24	2	AAQ89856	Aaq89856 Pleiotrop
c5173	8	40.0	24	2	AAT30446	Aat30446 Primer fo
c5174	8	40.0	24	2	AAT09339	Aat09339 PCR prime
5175	8	40.0	24	2	AAT12230	Aat12230 Human CDK
5176	8	40.0	24	2	AAT39973	Aat39973 Minimal m
c5177	8	40.0	24	2	AAT11685	Aat11685 Primer us
c5178	8	40.0	24	2	AAT84918	Aat84918 Human Wer
5179	8	40.0	24	2	AAT95385	Aat95385 5T4 Fv en
c5180	8	40.0	24	2	AAT66963	Aat66963 Asialogly
5181	8	40.0	24	2	AAT61578	Aat61578 VH and sc
5182	8	40.0	24	2	AAT61559	Aat61559 scFv libr
c5183	8	40.0	24	2	AAV04451	Aav04451 Primer us
c5184	8	40.0	24	2	AAT60479	Aat60479 MCSP PCR
5185	8	40.0	24	2	AAT78311	Aat78311 E6AP-bind
5186	8	40.0	24	2	AAV53736	Aav53736 Nucelotid
5187	8	40.0	24	2	AAV26026	Aav26026 Wilm's tu
c5188	8	40.0	24	2	AAV12358	Aav12358 Human ARS
5189	8	40.0	24	2	AAV55826	Aav55826 Multimeri
c5190	8	40.0	24	2	AAV55827	Aav55827 Multimeri
c5191	8	40.0	24	2	AAV18831	Aav18831 Primer fo
c5192	8	40.0	24	2	AAV24307	Aav24307 Human mam
c5193	8	40.0	24	2	AAX26886	Aax26886 PCR prime
c5194	8	40.0	24	2	AAX98256	Aax98256 PCR prime
c5195	8	40.0	24	2	AAX98257	Aax98257 PCR prime
5196	8	40.0	24	2	AAX25364	Aax25364 Streptoco
5197	8	40.0	24	2	AAX22143	Aax22143 Kextatin
5198	8	40.0	24	2	AAX01587	Aax01587 PCR prime
5199	8	40.0	24	2	AAX05746	Aax05746 Human mel
5200	8	40.0	24	2	AAX76592	Aax76592 Human sFv
5201	8	40.0	24	2	AAX55527	Aax55527 Mouse Slo
c5202	8	40.0	24	2	AAV72323	Aav72323 Human ste
c5203	8	40.0	24	2	AAX85835	Aax85835 PCR prime

5204	8	40.0	24	2	AAX79069	Aax79069	Primer 63	5277	8	40.0	24	6	ABQ07378	Abq07378	Oligonucl
5205	8	40.0	24	3	AAZ29190	Aaz29190	PCR prime	5278	8	40.0	24	6	ABQ07451	Abq07451	Oligonucl
5206	8	40.0	24	3	AAZ43841	Aaz43841	Human IgG	c5279	8	40.0	24	6	ABQ08971	Abq08971	Oligonucl
5207	8	40.0	24	3	AAA07079	Aaa07079	Human EPC	5280	8	40.0	24	6	ABQ03795	Abq03795	Oligonucl
5208	8	40.0	24	3	AAA39124	Aaa39124	Vesicular	5281	8	40.0	24	6	ABQ08278	Abq08278	Oligonucl
5209	8	40.0	24	3	AAZ91968	Aaz91968	Mahogany	c5282	8	40.0	24	6	ABQ01068	Abq01068	Oligonucl
5210	8	40.0	24	3	ABK12285	Abk12285	Mouse agg	5283	8	40.0	24	6	ABQ00109	Abq00109	Oligonucl
c5211	8	40.0	24	3	AAA27180	Aaa27180	Forward p	c5284	8	40.0	24	6	ABQ07492	Abq07492	Oligonucl
5212	8	40.0	24	3	AAC64194	Aac64194	PCR prime	5285	8	40.0	24	6	ABQ09574	Abq09574	Oligonucl
5213	8	40.0	24	3	AAA96317	Aaa96317	PCR prime	5286	8	40.0	24	6	ABQ01730	Abq01730	Oligonucl
c5214	8	40.0	24	3	AAA66301	Aaa66301	Dog genom	5287	8	40.0	24	6	ABQ05819	Abq05819	Oligonucl
c5215	8	40.0	24	3	AAC68283	Aac68283	Porcine b	5288	8	40.0	24	6	ABQ01025	Abq01025	Oligonucl
c5216	8	40.0	24	3	AAA09565	Aaa09565	Detection	c5289	8	40.0	24	6	ABQ07472	Abq07472	Oligonucl
5217	8	40.0	24	3	AAC82464	Aac82464	Vibrio sp	c5290	8	40.0	24	6	ABS56309	Abs56309	Rice chro
c5218	8	40.0	24	3	AAC66626	Aac66626	Human kin	c5291	8	40.0	24	6	ABK98026	Abk98026	Cell-TRAP
c5219	8	40.0	24	3	AAC66628	Aac66628	Human kin	c5292	8	40.0	24	6	ABZ30671	Abz30671	Candida a
c5220	8	40.0	24	3	AAC66630	Aac66630	Human kin	5293	8	40.0	24	6	ABZ30769	Abz30769	Candida a
c5221	8	40.0	24	3	AAA89022	Aaa89022	Toxoplasm	5294	8	40.0	24	6	ABQ79743	Abq79743	S. erythr
5222	8	40.0	24	4	AAF24797	Aaf24797	PCR prime	5295	8	40.0	24	6	ABA95706	Aba95706	Human nuc
5223	8	40.0	24	4	AAC92278	Aac92278	Mouse LKB	5296	8	40.0	24	6	AAD30841	Aad30841	PCR prime
c5224	8	40.0	24	4	AAH28325	Aah28325	Nucleotid	5297	8	40.0	24	6	ABZ21044	Abz21044	Zinc fing
5225	8	40.0	24	4	AAC67017	Aac67017	PERV env	c5298	8	40.0	24	6	ABL61101	Abl61101	RanBP 11-
c5226	8	40.0	24	4	AAI69609	Aai69609	Human RNA	c5299	8	40.0	24	6	ABZ24850	Abz24850	RAb6 GTP
5227	8	40.0	24	4	AAH45627	Aah45627	PCR prime	5300	8	40.0	24	6	ABI83082	Abi83082	Capture o
5228	8	40.0	24	4	AAS11423	Aas11423	Reverse P	5301	8	40.0	24	6	ABI83214	Abi83214	Capture o
c5229	8	40.0	24	4	AAH40565	Aah40565	SNP speci	c5302	8	40.0	24	6	ABI83549	Abi83549	Capture o
5230	8	40.0	24	4	AAH74331	Aah74331	PCR prime	5303	8	40.0	24	6	ABI85356	Abi85356	Capture o
5231	8	40.0	24	4	AAH26745	Aah26745	Mouse T c	c5304	8	40.0	24	6	ABI88699	Abi88699	Capture o
5232	8	40.0	24	4	AAF74527	Aaf74527	Mouse LKB	c5305	8	40.0	24	6	ABI88980	Abi88980	Capture o
c5233	8	40.0	24	4	AAF84188	Aaf84188	Human OAT	5306	8	40.0	24	6	ABI90004	Abi90004	Capture o
c5234	8	40.0	24	4	AAF84200	Aaf84200	Human OAT	5307	8	40.0	24	6	ABI92302	Abi92302	Capture o
5235	8	40.0	24	4	AAD06548	Aad06548	Human CON	c5308	8	40.0	24	6	ABI92895	Abi92895	Capture o
5236	8	40.0	24	4	AAD09137	Aad09137	Human cat	c5309	8	40.0	24	6	ABI83061	Abi83061	Capture o
5237	8	40.0	24	4	AAF82456	Aaf82456	Human sur	5310	8	40.0	24	6	ABI84270	Abi84270	Capture o
5238	8	40.0	24	5	AAC68927	Aac68927	Pathogene	5311	8	40.0	24	6	ABI87741	Abi87741	Capture o
c5239	8	40.0	24	5	AAH47780	Aah47780	Cytoskele	c5312	8	40.0	24	6	ABI88951	Abi88951	Capture o
c5240	8	40.0	24	5	AAH78626	Aah78626	PCR prime	5313	8	40.0	24	6	ABI89638	Abi89638	Capture o
c5241	8	40.0	24	5	ABA09938	Aba09938	Tail prim	5314	8	40.0	24	6	ABI90069	Abi90069	Capture o
5242	8	40.0	24	6	AAK99842	Aak99842	Rattlesna	5315	8	40.0	24	6	ABI90094	Abi90094	Capture o
c5243	8	40.0	24	6	AAK99841	Aak99841	Rattlesna	5316	8	40.0	24	6	ABI90750	Abi90750	Capture o
c5244	8	40.0	24	6	ABS57220	Abs57220	Retrotran	c5317	8	40.0	24	6	ABI91371	Abi91371	Capture o
5245	8	40.0	24	6	AAD45916	Aad45916	Rat R17 o	c5318	8	40.0	24	6	ABI83478	Abi83478	Capture o
5246	8	40.0	24	6	ABA92920	Aba92920	Human gly	c5319	8	40.0	24	6	ABI85113	Abi85113	Capture o
5247	8	40.0	24	6	ABS56685	Abs56685	Fragile i	c5320	8	40.0	24	6	ABI85967	Abi85967	Capture o
5248	8	40.0	24	6	ABK48724	Abk48724	RT-PCR pr	c5321	8	40.0	24	6	ABI86149	Abi86149	Capture o
c5249	8	40.0	24	6	AAS98267	Aas98267	Human pla	c5322	8	40.0	24	6	ABI86984	Abi86984	Capture o
5250	8	40.0	24	6	ABK15566	Abk15566	Novel G-p	c5323	8	40.0	24	6	ABI89382	Abi89382	Capture o
c5251	8	40.0	24	6	ABK49646	Abk49646	Human Ace	5324	8	40.0	24	6	ABI89383	Abi89383	Capture o
c5252	8	40.0	24	6	ABQ82677	Abq82677	Arabidops	5325	8	40.0	24	6	ABI89722	Abi89722	Capture o
5253	8	40.0	24	6	ABK66013	Abk66013	Human gen	5326	8	40.0	24	6	ABI89844	Abi89844	Capture o
5254	8	40.0	24	6	ABK48618	Abk48618	GSP #1 us	5327	8	40.0	24	6	ABI92326	Abi92326	Capture o
c5255	8	40.0	24	6	ABL42192	Abl42192	PCR prime	5328	8	40.0	24	6	ABI92348	Abi92348	Capture o
5256	8	40.0	24	6	ABQ00941	Abq00941	Oligonucl	c5329	8	40.0	24	6	ABI92349	Abi92349	Capture o
5257	8	40.0	24	6	ABQ01742	Abq01742	Oligonucl	c5330	8	40.0	24	6	ABI82727	Abi82727	Capture o
c5258	8	40.0	24	6	ABQ05860	Abq05860	Oligonucl	c5331	8	40.0	24	6	ABI85237	Abi85237	Capture o
c5259	8	40.0	24	6	ABQ06746	Abq06746	Oligonucl	c5332	8	40.0	24	6	ABI87151	Abi87151	Capture o
c5260	8	40.0	24	6	ABQ09615	Abq09615	Oligonucl	c5333	8	40.0	24	6	ABI88569	Abi88569	Capture o
5261	8	40.0	24	6	ABQ03758	Abq03758	Oligonucl	5334	8	40.0	24	6	ABI88981	Abi88981	Capture o
5262	8	40.0	24	6	ABQ02513	Abq02513	Oligonucl	c5335	8	40.0	24	6	ABI89971	Abi89971	Capture o
c5263	8	40.0	24	6	ABQ07419	Abq07419	Oligonucl	c5336	8	40.0	24	6	ABI90341	Abi90341	Capture o
5264	8	40.0	24	6	ABQ01762	Abq01762	Oligonucl	5337	8	40.0	24	6	ABI91238	Abi91238	Capture o
5265	8	40.0	24	6	ABQ05985	Abq05985	Oligonucl	c5338	8	40.0	24	6	ABI92303	Abi92303	Capture o
c5266	8	40.0	24	6	ABQ08319	Abq08319	Oligonucl	c5339	8	40.0	24	6	ABI89723	Abi89723	Capture o
5267	8	40.0	24	6	ABQ08930	Abq08930	Oligonucl	c5340	8	40.0	24	6	ABI90005	Abi90005	Capture o
5268	8	40.0	24	6	ABQ01384	Abq01384	Oligonucl	c5341	8	40.0	24	6	ABI91239	Abi91239	Capture o
5269	8	40.0	24	6	ABQ07431	Abq07431	Oligonucl	c5342	8	40.0	24	6	ABI82657	Abi82657	Capture o
5270	8	40.0	24	6	ABQ02186	Abq02186	Oligonucl	c5343	8	40.0	24	6	ABI83215	Abi83215	Capture o
5271	8	40.0	24	6	ABQ03226	Abq03226	Oligonucl	c5344	8	40.0	24	6	ABI85357	Abi85357	Capture o
5272	8	40.0	24	6	ABQ06705	Abq06705	Oligonucl	5345	8	40.0	24	6	ABI86985	Abi86985	Capture o
5273	8	40.0	24	6	ABQ02841	Abq02841	Oligonucl	5346	8	40.0	24	6	ABI87135	Abi87135	Capture o
5274	8	40.0	24	6	ABQ06110	Abq06110	Oligonucl	c5347	8	40.0	24	6	ABI89279	Abi89279	Capture o
c5275	8	40.0	24	6	ABQ06026	Abq06026	Oligonucl	5348	8	40.0	24	6	ABI89970	Abi89970	Capture o
c5276	8	40.0	24	6	ABQ06069	Abq06069	Oligonucl	5349	8	40.0	24	6	ABI92290	Abi92290	Capture o

5350	8	40.0	24	6	ABI84408	Abi84408 Capture o
c5351	8	40.0	24	6	ABI90661	Abi90661 Capture o
5352	8	40.0	24	6	ABI91922	Abi91922 Capture o
5353	8	40.0	24	6	ABI92090	Abi92090 Capture o
c5354	8	40.0	24	6	ABI92481	Abi92481 Capture o
5355	8	40.0	24	6	ABI83808	Abi83808 Capture o
c5356	8	40.0	24	6	ABI85235	Abi85235 Capture o
5357	8	40.0	24	6	ABI88696	Abi88696 Capture o
5358	8	40.0	24	6	ABI89112	Abi89112 Capture o
5359	8	40.0	24	6	ABI90340	Abi90340 Capture o
5360	8	40.0	24	6	ABI90490	Abi90490 Capture o
c5361	8	40.0	24	6	ABI90491	Abi90491 Capture o
5362	8	40.0	24	6	ABI82656	Abi82656 Capture o
5363	8	40.0	24	6	ABI83258	Abi83258 Capture o
5364	8	40.0	24	6	ABI83548	Abi83548 Capture o
5365	8	40.0	24	6	ABI85232	Abi85232 Capture o
c5366	8	40.0	24	6	ABI85847	Abi85847 Capture o
5367	8	40.0	24	6	ABI88354	Abi88354 Capture o
c5368	8	40.0	24	6	ABI91993	Abi91993 Capture o
5369	8	40.0	24	6	ABI83060	Abi83060 Capture o
c5370	8	40.0	24	6	ABI83083	Abi83083 Capture o
5371	8	40.0	24	6	ABI85112	Abi85112 Capture o
5372	8	40.0	24	6	ABI88698	Abi88698 Capture o
c5373	8	40.0	24	6	ABI89639	Abi89639 Capture o
c5374	8	40.0	24	6	ABI91923	Abi91923 Capture o
c5375	8	40.0	24	6	ABI92327	Abi92327 Capture o
5376	8	40.0	24	6	ABI82726	Abi82726 Capture o
5377	8	40.0	24	6	ABI82824	Abi82824 Capture o
c5378	8	40.0	24	6	ABI82825	Abi82825 Capture o
c5379	8	40.0	24	6	ABI83259	Abi83259 Capture o
c5380	8	40.0	24	6	ABI84271	Abi84271 Capture o
5381	8	40.0	24	6	ABI85256	Abi85256 Capture o
c5382	8	40.0	24	6	ABI85257	Abi85257 Capture o
c5383	8	40.0	24	6	ABI85501	Abi85501 Capture o
5384	8	40.0	24	6	ABI85846	Abi85846 Capture o
5385	8	40.0	24	6	ABI85966	Abi85966 Capture o
c5386	8	40.0	24	6	ABI86155	Abi86155 Capture o
5387	8	40.0	24	6	ABI87150	Abi87150 Capture o
c5388	8	40.0	24	6	ABI90095	Abi90095 Capture o
5389	8	40.0	24	6	ABI82508	Abi82508 Capture o
c5390	8	40.0	24	6	ABI83025	Abi83025 Capture o
c5391	8	40.0	24	6	ABI89845	Abi89845 Capture o
5392	8	40.0	24	6	ABI91370	Abi91370 Capture o
5393	8	40.0	24	6	ABI92480	Abi92480 Capture o
5394	8	40.0	24	6	ABI92704	Abi92704 Capture o
5395	8	40.0	24	6	ABI83036	Abi83036 Capture o
5396	8	40.0	24	6	ABI83479	Abi83479 Capture o
5397	8	40.0	24	6	ABI85236	Abi85236 Capture o
5398	8	40.0	24	6	ABI86148	Abi86148 Capture o
5399	8	40.0	24	6	ABI86154	Abi86154 Capture o
c5400	8	40.0	24	6	ABI87134	Abi87134 Capture o
c5401	8	40.0	24	6	ABI88355	Abi88355 Capture o
c5402	8	40.0	24	6	ABI88697	Abi88697 Capture o
c5403	8	40.0	24	6	ABI90068	Abi90068 Capture o
5404	8	40.0	24	6	ABI91992	Abi91992 Capture o
c5405	8	40.0	24	6	ABI92291	Abi92291 Capture o
c5406	8	40.0	24	6	ABI83037	Abi83037 Capture o
c5407	8	40.0	24	6	ABI83809	Abi83809 Capture o
c5408	8	40.0	24	6	ABI85233	Abi85233 Capture o
5409	8	40.0	24	6	ABI85234	Abi85234 Capture o
c5410	8	40.0	24	6	ABI89113	Abi89113 Capture o
5411	8	40.0	24	6	ABI90660	Abi90660 Capture o
5412	8	40.0	24	6	ABI91774	Abi91774 Capture o
c5413	8	40.0	24	6	ABI91775	Abi91775 Capture o
c5414	8	40.0	24	6	ABI92091	Abi92091 Capture o
c5415	8	40.0	24	6	ABI92525	Abi92525 Capture o
5416	8	40.0	24	6	ABI83024	Abi83024 Capture o
c5417	8	40.0	24	6	ABI84409	Abi84409 Capture o
5418	8	40.0	24	6	ABI85500	Abi85500 Capture o
5419	8	40.0	24	6	ABI88568	Abi88568 Capture o
c5420	8	40.0	24	6	ABI92705	Abi92705 Capture o
c5421	8	40.0	24	6	ABI82509	Abi82509 Capture o
c5422	8	40.0	24	6	ABI87740	Abi87740 Capture o
5423	8	40.0	24	6	ABI88950	Abi88950 Capture o
5424	8	40.0	24	6	ABI89278	Abi89278 Capture o
c5425	8	40.0	24	6	ABI90751	Abi90751 Capture o
5426	8	40.0	24	6	ABI92524	Abi92524 Capture o
5427	8	40.0	24	6	ABI92894	Abi92894 Capture o
5428	8	40.0	24	6	AAD27089	Aad27089 Selenomon
5429	8	40.0	24	6	ABK12854	Abk12854 Human RNA
5430	8	40.0	24	6	AAK98417	Aak98417 Human V g
5431	8	40.0	24	6	ABS57509	Abs57509 Human cau
5432	8	40.0	24	6	ABA00322	Aba00322 cDNA enco
5433	8	40.0	24	6	ADI17403	Adi17403 PCR prime
c5434	8	40.0	24	8	ABX11790	Abx11790 PCR prime
5435	8	40.0	24	8	ABX11791	Abx11791 PCR prime
c5436	8	40.0	24	8	ACA63178	Aca63178 Human tum
5437	8	40.0	24	8	ACD28816	Acd28816 Human sec
c5438	8	40.0	24	8	ABZ57881	Abz57881 Beta-glob
c5439	8	40.0	24	8	ABZ57510	Abz57510 Phosphory
5440	8	40.0	24	8	ACA06090	Aca06090 PCR prime
5441	8	40.0	24	8	ACA94754	Aca94754 Human hea
c5442	8	40.0	24	8	AAD54435	Aad54435 Lolium pe
5443	8	40.0	24	8	ABQ80253	Abq80253 PDGFR-B p
5444	8	40.0	24	8	AAD54114	Aad54114 E. coli p
5445	8	40.0	24	8	ABX12619	Abx12619 Pancreati
5446	8	40.0	24	8	AAD49008	Aad49008 Human MAT
5447	8	40.0	24	9	ACA67713	Aca67713 Human sec
5448	8	40.0	24	9	ACC81075	Acc81075 PCR prime
5449	8	40.0	24	9	ADA76555	Ada76555 Secreted
c5450	8	40.0	24	9	ADA14441	Ada14441 Human Sco
5451	8	40.0	24	9	AAL62082	Aal62082 Human VH
5452	8	40.0	24	9	ABT43617	Abt43617 PCR prime
5453	8	40.0	24	9	ACD42275	Acd42275 Human sec
5454	8	40.0	24	9	AAD58174	Aad58174 Human TOP
5455	8	40.0	24	9	AAD58376	Aad58376 Human TOP
c5456	8	40.0	24	9	ACC84795	Acc84795 SIV pol g
5457	8	40.0	24	9	ACF05345	Acf05345 Human IgG
5458	8	40.0	24	10	ACF36175	Acf36175 PIPKIIbet
c5459	8	40.0	24	10	ADC03184	Adc03184 Human bre
5460	8	40.0	24	10	ADC38516	Adc38516 Human AML
5461	8	40.0	24	10	AAD59341	Aad59341 Forward P
5462	8	40.0	24	10	AAD59216	Aad59216 Forward P
5463	8	40.0	24	10	ADC33398	Adc33398 Reverse P
5464	8	40.0	24	10	ADC29786	Adc29786 Human sec
5465	8	40.0	24	10	ADD71364	Add71364 Human gua
5466	8	40.0	24	10	ADD40766	Add40766 Murine te
c5467	8	40.0	24	10	ACF80127	Acf80127 Wheat rub
5468	8	40.0	24	10	ADD29065	Add29065 BbvCI-R1
5469	8	40.0	24	10	ADE13600	Ade13600 HLA class
5470	8	40.0	24	10	ADF88128	Adf88128 Single nu
5471	8	40.0	24	10	AAL51767	Aal51767 Il-1 beta
c5472	8	40.0	24	10	ABZ23592	Abz23592 PCR prime
c5473	8	40.0	24	10	ABX12400	Abx12400 Oxidative
c5474	8	40.0	24	10	ADA15769	Ada15769 Human CEA
5475	8	40.0	24	10	ACA06147	Aca06147 PCR prime
5476	8	40.0	24	10	ADL06278	Adl06278 PCR prime
c5477	8	40.0	24	10	ADK68310	Adk68310 Novel NOV
c5478	8	40.0	24	11	ADM65632	Adm65632 NRY polym
c5479	8	40.0	24	11	ADM65435	Adm65435 NRY polym
c5480	8	40.0	24	11	ADM65793	Adm65793 Human Y c
c5481	8	40.0	24	11	ADM65796	Adm65796 Human Y c
c5482	8	40.0	24	11	ADM65432	Adm65432 NRY polym
5483	8	40.0	24	12	ADF51254	Adf51254 Bet v 1 a
c5484	8	40.0	24	12	ADF51255	Adf51255 Bet v 1 a
5485	8	40.0	24	12	ADF09229	Adf09229 Secreted
c5486	8	40.0	24	12	ADE93596	Ade93596 T. gondii
c5487	8	40.0	24	12	ADF92133	Adf92133 Human cyt
c5488	8	40.0	24	12	ADG31093	Adg31093 PCR prime
5489	8	40.0	24	12	ADH43098	Adh43098 CRAM prot
c5490	8	40.0	24	12	ADJ34760	Adj34760 Mouse 2'-
5491	8	40.0	24	12	ADK97117	Adk97117 Primer of
5492	8	40.0	24	12	ADK94382	Adk94382 Primer of
c5493	8	40.0	24	12	ADK96721	Adk96721 Primer of
5494	8	40.0	24	12	ADL09450	Adl09450 HLA locus
5495	8	40.0	24	12	ADJ94728	Adj94728 RT-PCR pr

5496	8	40.0	24	12	ADJ94738	Adj94738	RT-PCR pr
5497	8	40.0	24	12	ADJ94720	Adj94720	RT-PCR pr
5498	8	40.0	24	12	ADJ14619	Adj14619	Debrisoqu
5499	8	40.0	24	12	ADJ14539	Adj14539	Debrisoqu
5500	8	40.0	24	12	ADN42492	Adn42492	Human NOV
c5501	8	40.0	24	12	ADN61387	Adn61387	Primer 2
c5502	8	40.0	24	12	ADN76062	Adn76062	C japonic
5503	8	40.0	24	12	ADO41388	Ado41388	Oligo 12-
c5504	8	40.0	24	12	ADO47291	Ado47291	Human SOR
c5505	8	40.0	24	12	ADO47337	Ado47337	Human SOR
5506	8	40.0	24	12	ADM46860	Adm46860	Murine EP
5507	8	40.0	24	12	ADO84974	Ado84974	H23 antig
5508	8	40.0	24	12	ADO40566	Ado40566	Human CON
5509	8	40.0	24	12	ADO26378	Ado26378	Murine Ca
5510	8	40.0	24	12	ADO16139	Ado16139	4 synthes
5511	8	40.0	24	12	ADO60721	Ado60721	Human deb
5512	8	40.0	24	12	ADO60641	Ado60641	Human deb
5513	8	40.0	24	12	ADO60928	Ado60928	Human deb
5514	8	40.0	24	12	ADP67052	Adp67052	IL-1 beta
5515	8	40.0	24	12	ADP27803	Adp27803	PCR prime
5516	8	40.0	24	12	ADP98275	Adp98275	C. albica
c5517	8	40.0	24	12	ADQ09919	Adq09919	Mouse RT-
5518	8	40.0	24	12	ADQ07909	Adq07909	Sense pri
c5519	8	40.0	24	13	ADR10866	Adr10866	A. thalia
5520	8	40.0	24	13	ADR28344	Adr28344	Human low
c5521	8	40.0	24	13	ADR49299	Adr49299	Human NOV
c5522	8	40.0	24	13	ADS90045	Ads90045	Oligonucl
c5523	8	40.0	24	13	ADT48939	Adt48939	PCR prime
5524	8	40.0	25	2	AAQ22741	Aaq22741	Ig heavy
c5525	8	40.0	25	2	AAQ67114	Aaq67114	Mutant E.
5526	8	40.0	25	2	AAT76386	Aat76386	Human tum
c5527	8	40.0	25	2	AAT97466	Aat97466	PCR prime
5528	8	40.0	25	2	AAX09204	Aax09204	Human bia
5529	8	40.0	25	2	AAV16758	Aav16758	Human Wnt
c5530	8	40.0	25	2	AAV30760	Aav30760	Human end
5531	8	40.0	25	2	AAV37687	Aav37687	HIV-1 5'L
5532	8	40.0	25	2	AAX59761	Aax59761	Probe use
c5533	8	40.0	25	2	AAX05795	Aax05795	Human int
c5534	8	40.0	25	2	AAV99624	Aav99624	Tobacco c
5535	8	40.0	25	2	AAX54535	Aax54535	Tumour ne
5536	8	40.0	25	2	AAX80104	Aax80104	Human PRO
5537	8	40.0	25	2	AAX01901	Aax01901	HIV-1 5'L
c5538	8	40.0	25	2	AAX56212	Aax56212	Human alp
c5539	8	40.0	25	3	AAA68645	Aaa68645	Bacteriop
5540	8	40.0	25	3	AAA68717	Aaa68717	Bacteriop
c5541	8	40.0	25	3	AAA68619	Aaa68619	Bacteriop
c5542	8	40.0	25	3	AAA68304	Aaa68304	Bacteriop
5543	8	40.0	25	3	AAA68308	Aaa68308	Bacteriop
5544	8	40.0	25	3	AAA33979	Aaa33979	Low adeno
5545	8	40.0	25	3	AAA49510	Aaa49510	Primer fo
c5546	8	40.0	25	3	AAC95760	Aac95760	HLA DRB1
c5547	8	40.0	25	3	AAC95807	Aac95807	HLA DRB34
5548	8	40.0	25	3	AAC95769	Aac95769	HLA DRB1
c5549	8	40.0	25	3	AAC96168	Aac96168	16s rRNA
c5550	8	40.0	25	3	AAC96169	Aac96169	16s rRNA
c5551	8	40.0	25	3	AAC96553	Aac96553	HLA DRB34
c5552	8	40.0	25	3	AAC96108	Aac96108	16s rRNA
c5553	8	40.0	25	3	AAC96242	Aac96242	16s rRNA
c5554	8	40.0	25	3	AAA38411	Aaa38411	Pseudomon
c5555	8	40.0	25	3	AAZ88222	Aaz88222	Hyalurona
5556	8	40.0	25	3	AAZ36031	Aaz36031	Forward P
c5557	8	40.0	25	3	AAA12841	Aaa12841	Pseudomon
5558	8	40.0	25	3	AAF20101	Aaf20101	Human tum
c5559	8	40.0	25	3	AAA53027	Aaa53027	Human bet
c5560	8	40.0	25	3	AAZ90346	Aaz90346	Human act
c5561	8	40.0	25	3	AAZ45028	Aaz45028	UDP-glucu
c5562	8	40.0	25	3	AAZ56496	Aaz56496	Human vit
5563	8	40.0	25	3	AAA71800	Aaa71800	FAA FANCI
5564	8	40.0	25	3	AAA59057	Aaa59057	PCR prime
5565	8	40.0	25	3	AAA59066	Aaa59066	PCR prime
5566	8	40.0	25	3	AAA59070	Aaa59070	PCR prime
5567	8	40.0	25	3	AAA46925	Aaa46925	PCR prime
c5568	8	40.0	25	4	AAD03602	Aad03602	Human IAP
5569	8	40.0	25	4	AAF25867	Aaf25867	FANCIP pr
5570	8	40.0	25	4	AAH57115	Aah57115	Human oes
c5571	8	40.0	25	4	AAF32554	Aaf32554	Sucrose P
5572	8	40.0	25	4	AAF32550	Aaf32550	Sucrose P
5573	8	40.0	25	4	AAF81915	Aaf81915	Human NAD
c5574	8	40.0	25	4	AAH45345	Aah45345	Human HCR
5575	8	40.0	25	4	AAH39519	Aah39519	SNP speci
c5576	8	40.0	25	4	AAH38615	Aah38615	SNP speci
c5577	8	40.0	25	4	AAH38855	Aah38855	SNP speci
5578	8	40.0	25	4	AAF61851	Aaf61851	A. tumefa
c5579	8	40.0	25	4	AAI70153	Aai70153	Human uro
5580	8	40.0	25	4	AAD10724	Aad10724	Mycobacte
5581	8	40.0	25	5	AAH20970	Aah20970	Human Fan
5582	8	40.0	25	5	AAI62259	Aai62259	Soybean 3
5583	8	40.0	25	5	AAI62257	Aai62257	Soybean 3
5584	8	40.0	25	5	AAI62448	Aai62448	Soybean 5
5585	8	40.0	25	5	AAI62365	Aai62365	Soybean 5
c5586	8	40.0	25	6	AAS18990	Aas18990	Wheat lib
5587	8	40.0	25	6	AAD33297	Aad33297	Human TNF
c5588	8	40.0	25	6	AAD45853	Aad45853	Corn sucr
5589	8	40.0	25	6	ABK41565	Abk41565	Human alp
c5590	8	40.0	25	6	ABN04773	Abn04773	Human GDM
c5591	8	40.0	25	6	ABN11461	Abn11461	Human GDM
c5592	8	40.0	25	6	ABN11457	Abn11457	Human GDM
c5593	8	40.0	25	6	ABN04777	Abn04777	Human GDM
c5594	8	40.0	25	6	ABN04782	Abn04782	Human GDM
c5595	8	40.0	25	6	ABN11452	Abn11452	Human GDM
c5596	8	40.0	25	6	ABN11455	Abn11455	Human GDM
c5597	8	40.0	25	6	ABN04780	Abn04780	Human GDM
c5598	8	40.0	25	6	ABN04768	Abn04768	Human GDM
c5599	8	40.0	25	6	ABN04772	Abn04772	Human GDM
c5600	8	40.0	25	6	ABN04784	Abn04784	Human GDM
c5601	8	40.0	25	6	ABN04770	Abn04770	Human GDM
c5602	8	40.0	25	6	ABN11454	Abn11454	Human GDM
c5603	8	40.0	25	6	ABN04785	Abn04785	Human GDM
c5604	8	40.0	25	6	ABN11448	Abn11448	Human GDM
c5605	8	40.0	25	6	ABN11456	Abn11456	Human GDM
c5606	8	40.0	25	6	ABN04775	Abn04775	Human GDM
c5607	8	40.0	25	6	ABN04776	Abn04776	Human GDM
c5608	8	40.0	25	6	ABN11451	Abn11451	Human GDM
c5609	8	40.0	25	6	ABN11453	Abn11453	Human GDM
c5610	8	40.0	25	6	ABN11458	Abn11458	Human GDM
c5611	8	40.0	25	6	ABN11459	Abn11459	Human GDM
c5612	8	40.0	25	6	ABN04778	Abn04778	Human GDM
c5613	8	40.0	25	6	ABN04769	Abn04769	Human GDM
c5614	8	40.0	25	6	ABN04779	Abn04779	Human GDM
c5615	8	40.0	25	6	ABN11460	Abn11460	Human GDM
c5616	8	40.0	25	6	ABN04781	Abn04781	Human GDM
c5617	8	40.0	25	6	ABN11449	Abn11449	Human GDM
c5618	8	40.0	25	6	ABN11450	Abn11450	Human GDM
c5619	8	40.0	25	6	ABN04774	Abn04774	Human GDM
c5620	8	40.0	25	6	ABN04783	Abn04783	Human GDM
c5621	8	40.0	25	6	ABN11447	Abn11447	Human GDM
c5622	8	40.0	25	6	ABN11464	Abn11464	Human GDM
c5623	8	40.0	25	6	ABN04771	Abn04771	Human GDM
c5624	8	40.0	25	6	ABN11462	Abn11462	Human GDM
c5625	8	40.0	25	6	ABN11463	Abn11463	Human GDM
5626	8	40.0	25	6	ABQ61453	Abq61453	Human aqu
c5627	8	40.0	25	6	ABQ79751	Abq79751	Human zns
5628	8	40.0	25	6	ABA94269	Aba94269	Adenoviru
c5629	8	40.0	25	6	ABS67622	Abs67622	Human cas
c5630	8	40.0	25	6	ABK52498	Abk52498	PCR prime
5631	8	40.0	25	6	AAL41701	Aal41701	Human col
5632	8	40.0	25	6	ABV73981	Abv73981	Tyrosine
c5633	8	40.0	25	6	AAD38975	Aad38975	Human GDD
c5634	8	40.0	25	6	ABS75853	Abs75853	Human PAP
c5635	8	40.0	25	6	ABS75865	Abs75865	Human PAP
c5636	8	40.0	25	6	ABS75854	Abs75854	Human PAP
c5637	8	40.0	25	6	ABS75856	Abs75856	Human PAP
c5638	8	40.0	25	6	ABS75859	Abs75859	Human PAP
c5639	8	40.0	25	6	ABS75863	Abs75863	Human PAP
c5640	8	40.0	25	6	ABS75864	Abs75864	Human PAP
c5641	8	40.0	25	6	ABS75852	Abs75852	Human PAP

c5642	8	40.0	25	6	ABS75855	Abs75855 Human PAP
c5643	8	40.0	25	6	ABS75861	Abs75861 Human PAP
c5644	8	40.0	25	6	ABS75858	Abs75858 Human PAP
c5645	8	40.0	25	6	ABS75860	Abs75860 Human PAP
c5646	8	40.0	25	6	ABS75868	Abs75868 Human PAP
c5647	8	40.0	25	6	ABS75866	Abs75866 Human PAP
c5648	8	40.0	25	6	ABS75857	Abs75857 Human PAP
c5649	8	40.0	25	6	ABS75862	Abs75862 Human PAP
c5650	8	40.0	25	6	ABS75869	Abs75869 Human PAP
c5651	8	40.0	25	6	ABS75867	Abs75867 Human PAP
5652	8	40.0	25	6	ABV92988	Abv92988 Human POS
5653	8	40.0	25	6	ABV92994	Abv92994 Human POS
5654	8	40.0	25	6	ABV92980	Abv92980 Human POS
5655	8	40.0	25	6	ABV92992	Abv92992 Human POS
5656	8	40.0	25	6	ABV92983	Abv92983 Human POS
c5657	8	40.0	25	6	ABV93239	Abv93239 Human POS
c5658	8	40.0	25	6	ABV93242	Abv93242 Human POS
5659	8	40.0	25	6	ABV92981	Abv92981 Human POS
5660	8	40.0	25	6	ABV92989	Abv92989 Human POS
5661	8	40.0	25	6	ABV92995	Abv92995 Human POS
c5662	8	40.0	25	6	ABV93235	Abv93235 Human POS
c5663	8	40.0	25	6	ABV93249	Abv93249 Human POS
5664	8	40.0	25	6	ABV92996	Abv92996 Human POS
c5665	8	40.0	25	6	ABV93236	Abv93236 Human POS
c5666	8	40.0	25	6	ABV93244	Abv93244 Human POS
c5667	8	40.0	25	6	ABV93232	Abv93232 Human POS
c5668	8	40.0	25	6	ABV93233	Abv93233 Human POS
c5669	8	40.0	25	6	ABV93246	Abv93246 Human POS
5670	8	40.0	25	6	ABV92986	Abv92986 Human POS
5671	8	40.0	25	6	ABV92985	Abv92985 Human POS
5672	8	40.0	25	6	ABV92997	Abv92997 Human POS
c5673	8	40.0	25	6	ABV93234	Abv93234 Human POS
c5674	8	40.0	25	6	ABV93240	Abv93240 Human POS
c5675	8	40.0	25	6	ABV93238	Abv93238 Human POS
5676	8	40.0	25	6	ABV92987	Abv92987 Human POS
5677	8	40.0	25	6	ABV92990	Abv92990 Human POS
5678	8	40.0	25	6	ABV92993	Abv92993 Human POS
c5679	8	40.0	25	6	ABV93243	Abv93243 Human POS
c5680	8	40.0	25	6	ABV93245	Abv93245 Human POS
c5681	8	40.0	25	6	ABV93248	Abv93248 Human POS
5682	8	40.0	25	6	ABV92991	Abv92991 Human POS
c5683	8	40.0	25	6	ABV93237	Abv93237 Human POS
c5684	8	40.0	25	6	ABV93241	Abv93241 Human POS
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5686	8	40.0	25	6	ABV92982	Abv92982 Human POS
c5687	8	40.0	25	6	ABV93247	Abv93247 Human POS
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5689	8	40.0	25	6	AAD32946	Aad32946 Arabidops
c5690	8	40.0	25	6	AAD32947	Aad32947 Arabidops
5691	8	40.0	25	6	ABS64398	Abs64398 Human TGF
5692	8	40.0	25	8	ACD45239	Acd45239 Molecular
c5693	8	40.0	25	8	ABZ22959	Abz22959 Eimeria m
c5694	8	40.0	25	8	ABZ22955	Abz22955 Eimeria m
c5695	8	40.0	25	8	ABZ22973	Abz22973 Eimeria m
5696	8	40.0	25	8	AAL55362	Aal55362 NSG3 rela
5697	8	40.0	25	8	ABX96824	Abx96824 Human PRO
c5698	8	40.0	25	8	ACC41016	Acc41016 Perennial
5699	8	40.0	25	8	ABX78478	Abx78478 Novel hum
5700	8	40.0	25	8	ADB04641	Adb04641 Human MDZ
5701	8	40.0	25	8	ADB04644	Adb04644 Human MDZ
5702	8	40.0	25	8	ADB04645	Adb04645 Human MDZ
5703	8	40.0	25	8	ADB04647	Adb04647 Human MDZ
5704	8	40.0	25	8	ADB04640	Adb04640 Human MDZ
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5706	8	40.0	25	8	ADB04643	Adb04643 Human MDZ
5707	8	40.0	25	8	ADB04649	Adb04649 Human MDZ
5708	8	40.0	25	8	ADB04646	Adb04646 Human MDZ
5709	8	40.0	25	8	ADB04652	Adb04652 Human MDZ
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5711	8	40.0	25	8	ADB04642	Adb04642 Human MDZ
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5713	8	40.0	25	8	ADB04657	Adb04657 Human MDZ
5714	8	40.0	25	8	ADB04656	Adb04656 Human MDZ
5715	8	40.0	25	8	ADB04648	Adb04648 Human MDZ
5716	8	40.0	25	8	ADB04653	Adb04653 Human MDZ
5717	8	40.0	25	8	ADB04650	Adb04650 Human MDZ
5718	8	40.0	25	8	ABX72646	Abx72646 Yeast DNA
5719	8	40.0	25	8	ABX72629	Abx72629 Yeast DNA
5720	8	40.0	25	8	ABX72644	Abx72644 Yeast DNA
5721	8	40.0	25	8	ABX77112	Abx77112 Human PRO
c5722	8	40.0	25	8	ABZ69279	Abz69279 J lividum
c5723	8	40.0	25	8	ACC84574	Acc84574 Oligonucl
5724	8	40.0	25	8	ABX75943	Abx75943 Human PRO
5725	8	40.0	25	8	ACC43325	Acc43325 PCR prime
5726	8	40.0	25	8	AAD48578	Aad48578 Mycobacte
5727	8	40.0	25	8	ABX89654	Abx89654 Novel hum
5728	8	40.0	25	8	ABX89991	Abx89991 S. aureus
5729	8	40.0	25	8	ABX34140	Abx34140 Human pro
5730	8	40.0	25	9	ACA04360	Aca04360 Human PRO
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5794	8	40.0	25	9	ACI35814	Aci35814 Human mic
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c5946	8	40.0	25	9	ACI71028	Aci71028 Human mic
5947	8	40.0	25	9	ACK21888	Ack21888 Human mic
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c5950	8	40.0	25	9	ACI23789	Aci23789 Human mic
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5952	8	40.0	25	9	ACI74125	Aci74125 Human mic
5953	8	40.0	25	9	ACI74254	Aci74254 Human mic
c5954	8	40.0	25	9	ACK25483	Ack25483 Human mic
c5955	8	40.0	25	9	ACK02356	Ack02356 Human mic
c5956	8	40.0	25	9	ACI53313	Aci53313 Human mic
c5957	8	40.0	25	9	ACK27630	Ack27630 Human mic
5958	8	40.0	25	9	ACI28564	Aci28564 Human mic
5959	8	40.0	25	9	ACK03812	Ack03812 Human mic
5960	8	40.0	25	9	ACI28919	Aci28919 Human mic
c5961	8	40.0	25	9	ACI29075	Aci29075 Human mic
5962	8	40.0	25	9	ACK28390	Ack28390 Human mic
5963	8	40.0	25	9	ACI54729	Aci54729 Human mic
5964	8	40.0	25	9	ACI31055	Aci31055 Human mic
5965	8	40.0	25	9	ACI56435	Aci56435 Human mic
5966	8	40.0	25	9	ACK06671	Ack06671 Human mic
5967	8	40.0	25	9	ACK06944	Ack06944 Human mic
c5968	8	40.0	25	9	ACI56929	Aci56929 Human mic
c5969	8	40.0	25	9	ACI57094	Aci57094 Human mic
5970	8	40.0	25	9	ACI02120	Aci02120 Human mic
c5971	8	40.0	25	9	ACI02696	Aci02696 Human mic
5972	8	40.0	25	9	ACI02751	Aci02751 Human mic
c5973	8	40.0	25	9	ACI06081	Aci06081 Human mic
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c5975	8	40.0	25	9	ACI33662	Aci33662 Human mic
c5976	8	40.0	25	9	ACI58852	Aci58852 Human mic
5977	8	40.0	25	9	ACI33918	Aci33918 Human mic
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c5980	8	40.0	25	9	ACI60296	Aci60296 Human mic
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c5982	8	40.0	25	9	ACI86236	Aci86236 Human mic
5983	8	40.0	25	9	ACI86429	Aci86429 Human mic
5984	8	40.0	25	9	ACI87250	Aci87250 Human mic
5985	8	40.0	25	9	ACI13407	Aci13407 Human mic
c5986	8	40.0	25	9	ACI88660	Aci88660 Human mic
c5987	8	40.0	25	9	ACI14086	Aci14086 Human mic
5988	8	40.0	25	9	ACI64709	Aci64709 Human mic
c5989	8	40.0	25	9	ACI90046	Aci90046 Human mic
c5990	8	40.0	25	9	ACI15068	Aci15068 Human mic
c5991	8	40.0	25	9	ACK14350	Ack14350 Human mic
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c5994	8	40.0	25	9	ACI42493	Aci42493 Human mic
c5995	8	40.0	25	9	ACI43096	Aci43096 Human mic
c5996	8	40.0	25	9	ACI43378	Aci43378 Human mic
c5997	8	40.0	25	9	ACK17653	Ack17653 Human mic
5998	8	40.0	25	9	ACI19272	Aci19272 Human mic
c5999	8	40.0	25	9	ACK18535	Ack18535 Human mic
c6000	8	40.0	25	9	ACI20728	Aci20728 Human mic
c6001	8	40.0	25	9	ACI45808	Aci45808 Human mic
c6002	8	40.0	25	9	ACI71029	Aci71029 Human mic
c6003	8	40.0	25	9	ACK21290	Ack21290 Human mic
6004	8	40.0	25	9	ACI22078	Aci22078 Human mic
6005	8	40.0	25	9	ACI22475	Aci22475 Human mic
6006	8	40.0	25	9	ACI97531	Aci97531 Human mic
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c6008	8	40.0	25	9	ACI23832	Aci23832 Human mic
c6009	8	40.0	25	9	ACK24509	Ack24509 Human mic
c6010	8	40.0	25	9	ACI50770	Aci50770 Human mic
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c6012	8	40.0	25	9	ACI78361	Aci78361 Human mic
6013	8	40.0	25	9	ACI28565	Aci28565 Human mic
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6017	8	40.0	25	9	ACI56625	Aci56625 Human mic
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c6019	8	40.0	25	9	ACK07273	Ack07273 Human mic
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c6027	8	40.0	25	9	ACI08483	Aci08483 Human mic
c6028	8	40.0	25	9	ACK08760	Ack08760 Human mic
6029	8	40.0	25	9	ACI35512	Aci35512 Human mic
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6038	8	40.0	25	9	ACK13470	Ack13470 Human mic
c6039	8	40.0	25	9	ACK14182	Ack14182 Human mic
6040	8	40.0	25	9	ACI15414	Aci15414 Human mic
c6041	8	40.0	25	9	ACI91405	Aci91405 Human mic
c6042	8	40.0	25	9	ACI66883	Aci66883 Human mic
6043	8	40.0	25	9	ACK16750	Ack16750 Human mic
6044	8	40.0	25	9	ACK16751	Ack16751 Human mic
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6046	8	40.0	25	9	ACI92855	Aci92855 Human mic
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c6060	8	40.0	25	9	ACK23796	Ack23796 Human mic
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6062	8	40.0	25	9	ACI99717	Aci99717 Human mic
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c6065	8	40.0	25	9	ACI26355	Aci26355 Human mic
6066	8	40.0	25	9	ACI51427	Aci51427 Human mic
c6067	8	40.0	25	9	ACK02081	Ack02081 Human mic
6068	8	40.0	25	9	ACK28574	Ack28574 Human mic
6069	8	40.0	25	9	ACI80183	Aci80183 Human mic
6070	8	40.0	25	9	ACI81114	Aci81114 Human mic
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6073	8	40.0	25	9	ACI05339	Aci05339 Human mic
6074	8	40.0	25	9	ACI33727	Aci33727 Human mic
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c6080	8	40.0	25	9	ACI87233	Aci87233 Human mic
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6115	8	40.0	25	9	ACK26844	Ack26844 Human mic
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6136	8	40.0	25	9	ACI39172	Aci39172 Human mic
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c6145	8	40.0	25	9	ACK18534	Ack18534 Human mic
c6146	8	40.0	25	9	ACI94373	Aci94373 Human mic
6147	8	40.0	25	9	ACI69389	Aci69389 Human mic
6148	8	40.0	25	9	ACI44832	Aci44832 Human mic
6149	8	40.0	25	9	ACI70371	Aci70371 Human mic
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6153	8	40.0	25	9	ACI21476	Aci21476 Human mic
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6155	8	40.0	25	9	ACK21889	Ack21889 Human mic
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6157	8	40.0	25	9	ACI24073	Aci24073 Human mic
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c6164	8	40.0	25	9	ACK25396	Ack25396 Human mic
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6166	8	40.0	25	9	ACI51919	Aci51919 Human mic
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c6168	8	40.0	25	9	ACK03453	Ack03453 Human mic
6169	8	40.0	25	9	ACI53918	Aci53918 Human mic
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6171	8	40.0	25	9	ACI80182	Aci80182 Human mic
6172	8	40.0	25	9	ACK05291	Ack05291 Human mic
6173	8	40.0	25	9	ACI55285	Aci55285 Human mic
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6175	8	40.0	25	9	ACI56434	Aci56434 Human mic
6176	8	40.0	25	9	ACK06670	Ack06670 Human mic
c6177	8	40.0	25	9	ACK06899	Ack06899 Human mic
c6178	8	40.0	25	9	ACI32892	Aci32892 Human mic
c6179	8	40.0	25	9	ACI33191	Aci33191 Human mic
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6190	8	40.0	25	9	ACI63642	Aci63642 Human mic
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c6195	8	40.0	25	9	ACK15918	Ack15918 Human mic
c6196	8	40.0	25	9	ACI43003	Aci43003 Human mic
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6198	8	40.0	25	9	ACK17727	Ack17727 Human mic
6199	8	40.0	25	9	ACI18876	Aci18876 Human mic
6200	8	40.0	25	9	ACK18105	Ack18105 Human mic
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c6213	8	40.0	25	9	ACI48146	Aci48146 Human mic
c6214	8	40.0	25	9	ACK22495	Ack22495 Human mic
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c6216	8	40.0	25	9	ACI48282	Aci48282 Human mic
c6217	8	40.0	25	9	ACI23481	Aci23481 Human mic
c6218	8	40.0	25	9	ACI99035	Aci99035 Human mic
c6219	8	40.0	25	9	ACK00470	Ack00470 Human mic
c6220	8	40.0	25	9	ACI52243	Aci52243 Human mic
6221	8	40.0	25	9	ACI27484	Aci27484 Human mic
6222	8	40.0	25	9	ACK26845	Ack26845 Human mic
6223	8	40.0	25	9	ACK02664	Ack02664 Human mic
6224	8	40.0	25	9	ACI28946	Aci28946 Human mic
6225	8	40.0	25	9	ACI79740	Aci79740 Human mic

6226	8	40.0	25	9	ACK29811	Ack29811 Human mic
6227	8	40.0	25	9	ACK30027	Ack30027 Human mic
c6228	8	40.0	25	9	ACI56223	Aci56223 Human mic
6229	8	40.0	25	9	ACK31073	Ack31073 Human mic
c6230	8	40.0	25	9	ACI57610	Aci57610 Human mic
6231	8	40.0	25	9	ACK08204	Ack08204 Human mic
c6232	8	40.0	25	9	ACI33353	Aci33353 Human mic
6233	8	40.0	25	9	ACI00872	Aci00872 Human mic
6234	8	40.0	25	9	ACI02708	Aci02708 Human mic
c6235	8	40.0	25	9	ACI84501	Aci84501 Human mic
c6236	8	40.0	25	9	ACI10073	Aci10073 Human mic
c6237	8	40.0	25	9	ACI87380	Aci87380 Human mic
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c6239	8	40.0	25	9	ACI38298	Aci38298 Human mic
c6240	8	40.0	25	9	ACI38532	Aci38532 Human mic
c6241	8	40.0	25	9	ACI88661	Aci88661 Human mic
6242	8	40.0	25	9	ACI88680	Aci88680 Human mic
c6243	8	40.0	25	9	ACI14471	Aci14471 Human mic
c6244	8	40.0	25	9	ACK14183	Ack14183 Human mic
6245	8	40.0	25	9	ACK15167	Ack15167 Human mic
6246	8	40.0	25	9	ACI41159	Aci41159 Human mic
c6247	8	40.0	25	9	ACI66512	Aci66512 Human mic
c6248	8	40.0	25	9	ACI16658	Aci16658 Human mic
6249	8	40.0	25	9	ACI66757	Aci66757 Human mic
c6250	8	40.0	25	9	ACI42122	Aci42122 Human mic
c6251	8	40.0	25	9	ACI19249	Aci19249 Human mic
c6252	8	40.0	25	9	ACK18886	Ack18886 Human mic
6253	8	40.0	25	9	ACI70996	Aci70996 Human mic
c6254	8	40.0	25	9	ACI46448	Aci46448 Human mic
6255	8	40.0	25	9	ACI97462	Aci97462 Human mic
c6256	8	40.0	25	9	ACI22498	Aci22498 Human mic
6257	8	40.0	25	9	ACI72509	Aci72509 Human mic
6258	8	40.0	25	9	ACI47853	Aci47853 Human mic
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c6260	8	40.0	25	9	ACK22402	Ack22402 Human mic
c6261	8	40.0	25	9	ACK22403	Ack22403 Human mic
c6262	8	40.0	25	9	ACK22944	Ack22944 Human mic
c6263	8	40.0	25	9	ACK23350	Ack23350 Human mic
c6264	8	40.0	25	9	ACI99497	Aci99497 Human mic
c6265	8	40.0	25	9	ACK23797	Ack23797 Human mic
c6266	8	40.0	25	9	ACI75161	Aci75161 Human mic
6267	8	40.0	25	9	ACI25221	Aci25221 Human mic
c6268	8	40.0	25	9	ACI50576	Aci50576 Human mic
6269	8	40.0	25	9	ACI50609	Aci50609 Human mic
c6270	8	40.0	25	9	ACK24986	Ack24986 Human mic
c6271	8	40.0	25	9	ACK25409	Ack25409 Human mic
c6272	8	40.0	25	9	ACI51246	Aci51246 Human mic
c6273	8	40.0	25	9	ACK26874	Ack26874 Human mic
c6274	8	40.0	25	9	ACI53082	Aci53082 Human mic
c6275	8	40.0	25	9	ACI53083	Aci53083 Human mic
c6276	8	40.0	25	9	ACI53984	Aci53984 Human mic
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6278	8	40.0	25	9	ACI79741	Aci79741 Human mic
6279	8	40.0	25	9	ACI54730	Aci54730 Human mic
c6280	8	40.0	25	9	ACK30872	Ack30872 Human mic
c6281	8	40.0	25	9	ACI57690	Aci57690 Human mic
c6282	8	40.0	25	9	ACK07832	Ack07832 Human mic
6283	8	40.0	25	9	ACI03516	Aci03516 Human mic
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6285	8	40.0	25	9	ACI09954	Aci09954 Human mic
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6288	8	40.0	25	9	ACI35513	Aci35513 Human mic
6289	8	40.0	25	9	ACI11750	Aci11750 Human mic
6290	8	40.0	25	9	ACI62133	Aci62133 Human mic
6291	8	40.0	25	9	ACI62689	Aci62689 Human mic
6292	8	40.0	25	9	ACI14408	Aci14408 Human mic
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6469	8	40.0	25	9	ACK25477	Ack25477 Human mic
c6470	8	40.0	25	9	ACK25482	Ack25482 Human mic
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c6488	8	40.0	25	9	ACI13922	Aci13922 Human mic
c6489	8	40.0	25	9	ACK13546	Ack13546 Human mic
6490	8	40.0	25	9	ACK14499	Ack14499 Human mic
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6492	8	40.0	25	9	ACI16177	Aci16177 Human mic
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6497	8	40.0	25	9	ACI70504	Aci70504 Human mic
6498	8	40.0	25	9	ACK20072	Ack20072 Human mic
6499	8	40.0	25	9	ACI71652	Aci71652 Human mic
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Search completed: October 28, 2005, 19:15:09
Job time : 493 secs

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OM nucleic - nucleic search, using sw model

Run on: October 28, 2005, 18:58:19 ; Search time 1830 Seconds
(without alignments)
416.003 Million cell updates/sec

Title: US-10-729-421-45
Perfect score: 20
Sequence: 1 gtccacctcttgcgaaggac 20

Scoring table: OLIGO_NUC
Gapop 60.0 , Gapext 60.0

Searched: 34239544 seqs, 19032134700 residues

Word size : 0

Total number of hits satisfying chosen parameters: 241816

Minimum DB seq length: 0
Maximum DB seq length: 60

Post-processing: Listing first 6500 summaries

Database : EST:*
1: gb_est1:*
2: gb_est2:*
3: gb_htc:*
4: gb_est3:*
5: gb_est4:*
6: gb_est5:*
7: gb_est6:*
8: gb_gss1:*
9: gb_gss2:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

	Result No.	Score	% Query Match	Length	DB	ID	Description
c	1	12	60.0	34	8	BH902911	BH902911 SALK_1015
c	2	12	60.0	36	7	CF338344	CF338344 RCL1--01-
c	3	12	60.0	58	4	BG939059	BG939059 cn30c04.y
c	4	11	55.0	29	8	AZ498273	AZ498273 1M0335C03
c	5	11	55.0	45	8	AZ952610	AZ952610 2M0217E06
	6	11	55.0	50	9	CR218057	CR218057 Reverse s
c	7	11	55.0	53	7	CF099575	CF099575 rd86f03.y
	8	11	55.0	55	8	BZ596843	BZ596843 SALK_0964
	9	11	55.0	56	9	CNS00MWX	AL081183 Arabidops
c	10	10	50.0	18	6	CD486685	CD486685 CRH5.3A10
	11	10	50.0	19	8	AZ357958	AZ357958 1M0099D23
	12	10	50.0	20	1	AJ667854	AJ667854 AJ667854
c	13	10	50.0	22	1	AA897226	AA897226 am06e12.s
	14	10	50.0	24	1	AJ794786	AJ794786 AJ794786
	15	10	50.0	34	9	BX536453	BX536453 Arabidops
c	16	10	50.0	34	9	TA29G12P	AL453109 T. brucei
	17	10	50.0	37	1	AL037709	AL037709 DKFZp564A
	18	10	50.0	39	9	CR397218	CR397218 Arabidops
	19	10	50.0	40	1	AJ649190	AJ649190 AJ649190
c	20	10	50.0	40	7	W98849	W98849 mg10e01.r1
	21	10	50.0	42	9	BX243945	BX243945 Danio rer
	22	10	50.0	43	7	R08919	R08919 yf25e05.s1
	23	10	50.0	43	9	TA74G04P	AL457651 T. brucei
c	24	10	50.0	46	1	AI159160	AI159160 vz81a11.r
	25	10	50.0	50	1	AU104989	AU104989 AU104989
	26	10	50.0	50	1	AU106912	AU106912 AU106912
	27	10	50.0	50	5	BQ398767	BQ398767 NISC_mo10
c	28	10	50.0	50	8	AZ636439	AZ636439 1M0495I16
	29	10	50.0	50	9	BX291052	BX291052 Arabidops
	30	10	50.0	51	8	AZ814296	AZ814296 2M0082O01
	31	10	50.0	51	8	B36535	B36535 HS-1041-A1-
	32	10	50.0	52	1	AI004096	AI004096 ot50e06.s
c	33	10	50.0	52	2	BF643521	BF643521 NF021C09E
c	34	10	50.0	52	6	CD749701	CD749701 rd63b09.y
	35	10	50.0	52	9	CR213851	CR213851 Forward s
c	36	10	50.0	54	8	AZ635026	AZ635026 1M0491H12
	37	10	50.0	58	8	BH852452	BH852452 SALK_0746
	38	10	50.0	58	8	BZ354898	BZ354898 SALK_1259
	39	10	50.0	59	9	CR276576	CR276576 Reverse s
	40	10	50.0	59	9	CL308507	CL308507 03S0467-1
c	41	10	50.0	60	7	CV300305	CV300305 EST886308
	42	9	45.0	19	8	AZ862767	AZ862767 2M0170A09
	43	9	45.0	22	1	AA885905	AA885905 oj19h02.s
c	44	9	45.0	24	8	AZ628737	AZ628737 1M0481E09
c	45	9	45.0	25	1	AI002379	AI002379 oq87f02.s
c	46	9	45.0	25	1	AJ676853	AJ676853 AJ676853
c	47	9	45.0	25	6	CB884427	CB884427 EST00261
c	48	9	45.0	27	9	CG707983	CG707983 1119004F0
	49	9	45.0	28	8	AZ457059	AZ457059 1M0260B14
	50	9	45.0	29	9	CL983097	CL983097 GC0336 TI
c	51	9	45.0	30	8	AZ791470	AZ791470 2M0041H21
	52	9	45.0	31	9	BX663198	BX663198 Arabidops
	53	9	45.0	31	9	BX663199	BX663199 Arabidops
	54	9	45.0	31	9	BX663200	BX663200 Arabidops
	55	9	45.0	32	9	TA192G09P	AL477412 T. brucei
c	56	9	45.0	33	8	AZ992250	AZ992250 2M0276O13
c	57	9	45.0	33	8	BH863245	BH863245 SALK_0934
	58	9	45.0	33	8	BH907017	BH907017 SALK_0373
c	59	9	45.0	34	9	TA105B07P	AL464702 T. brucei
c	60	9	45.0	36	9	DME545167	AJ545167 Drosophil
	61	9	45.0	37	8	AQ073558	AQ073558 EP(2)2404
c	62	9	45.0	37	8	BH854008	BH854008 SALK_0786
c	63	9	45.0	39	2	AV955711	AV955711 AV955711
c	64	9	45.0	39	9	CL438380	CL438380 PST7381-N
	65	9	45.0	39	9	CL982880	CL982880 GC0103 TI
	66	9	45.0	40	8	AZ597825	AZ597825 1M0412E01
	67	9	45.0	40	8	BH904726	BH904726 SALK_1049
c	68	9	45.0	40	9	AG193622	AG193622 Pan trogl
	69	9	45.0	41	1	AV832484	AV832484 AV832484
	70	9	45.0	42	8	BH856792	BH856792 SALK_0791
	71	9	45.0	42	8	BZ596730	BZ596730 SALK_0958
c	72	9	45.0	43	8	CC183341	CC183341 XE744 Bay
c	73	9	45.0	44	2	BE739910	BE739910 601556153
c	74	9	45.0	44	8	AZ818212	AZ818212 2M0088A11
	75	9	45.0	44	8	BZ595035	BZ595035 SALK_0855
	76	9	45.0	44	9	TA228E12P	AL480983 T. brucei
	77	9	45.0	45	9	AG202587	AG202587 Pan trogl
	78	9	45.0	45	9	CG727263	CG727263 1119094A0
c	79	9	45.0	46	1	AI670787	AI670787 tz10b12.x
	80	9	45.0	46	4	BI252353	BI252353 602953082
c	81	9	45.0	46	7	H59343	H59343 yr27c06.r1
	82	9	45.0	46	8	AZ476252	AZ476252 1M0294E20
c	83	9	45.0	46	8	AZ795793	AZ795793 2M0051O07
	84	9	45.0	46	8	AZ981453	AZ981453 2M0258F21
c	85	9	45.0	46	8	CC027411	CC027411 3591_1_5_
c	86	9	45.0	47	7	H55083	H55083 CHR220022 C
	87	9	45.0	48	8	BH627451	BH627451 1007071B0
c	88	9	45.0	48	9	CG722350	CG722350 1119071F0
c	89	9	45.0	49	1	AA999946	AA999946 ov06a03.s
	90	9	45.0	49	7	H23825	H23825 yn71e03.s1
	91	9	45.0	49	8	AZ592744	AZ592744 1M0403G20
c	92	9	45.0	49	8	AZ933378	AZ933378 BG00845-5
	93	9	45.0	49	8	BH896046	BH896046 3526_1_36
	94	9	45.0	49	9	CC889114	CC889114 SALK_1528
c	95	9	45.0	50	1	AU103865	AU103865 AU103865
c	96	9	45.0	50	1	AU103867	AU103867 AU103867
c	97	9	45.0	50	1	AU103873	AU103873 AU103873

c 98	9	45.0	50	1	AU103875	AU103875	AU103875
c 99	9	45.0	50	1	AU103876	AU103876	AU103876
c 100	9	45.0	50	1	AU103877	AU103877	AU103877
c 101	9	45.0	50	1	AU103879	AU103879	AU103879
c 102	9	45.0	50	1	AU103880	AU103880	AU103880
c 103	9	45.0	50	1	AU103881	AU103881	AU103881
c 104	9	45.0	50	1	AU103882	AU103882	AU103882
c 105	9	45.0	50	1	AU103883	AU103883	AU103883
c 106	9	45.0	50	1	AU103884	AU103884	AU103884
c 107	9	45.0	50	1	AU103885	AU103885	AU103885
c 108	9	45.0	50	1	AU103886	AU103886	AU103886
c 109	9	45.0	50	1	AU103889	AU103889	AU103889
c 110	9	45.0	50	1	AU103891	AU103891	AU103891
c 111	9	45.0	50	1	AU103893	AU103893	AU103893
c 112	9	45.0	50	1	AU106007	AU106007	AU106007
c 113	9	45.0	50	1	AU106482	AU106482	AU106482
114	9	45.0	50	1	AU106718	AU106718	AU106718
115	9	45.0	50	1	AU106730	AU106730	AU106730
c 116	9	45.0	50	1	AU107023	AU107023	AU107023
c 117	9	45.0	50	1	AU107025	AU107025	AU107025
c 118	9	45.0	50	1	AU107155	AU107155	AU107155
119	9	45.0	50	4	BG361711	BG361711	gb48f12.y
c 120	9	45.0	50	5	BU490417	BU490417	604132627
121	9	45.0	50	6	CD286288	CD286288	11_G1.abd
122	9	45.0	50	7	CF543112	CF543112	S014678w-
123	9	45.0	50	7	CR408151	CR408151	CR408151
124	9	45.0	50	9	CC887145	CC887145	SALK_1496
125	9	45.0	51	2	BE796221	BE796221	601591380
c 126	9	45.0	51	6	CD743543	CD743543	IRB13_B04
c 127	9	45.0	51	8	BZ381725	BZ381725	SALK_1171
c 128	9	45.0	52	1	AI662944	AI662944	uj69d02.y
129	9	45.0	52	2	AW685952	AW685952	NF036G09N
c 130	9	45.0	52	4	BG108905	BG108905	HRPE1560
131	9	45.0	52	6	CB298393	CB298393	220017_re
132	9	45.0	52	7	CN559969	CN559969	tag38c03.
c 133	9	45.0	52	7	R55524	R55524	yj79b11.r1
c 134	9	45.0	52	9	BX655031	BX655031	Arabidops
135	9	45.0	52	9	CR003057	CR003057	Reverse s
c 136	9	45.0	53	5	BQ636166	BQ636166	hd05d04.y
c 137	9	45.0	53	9	CR145094	CR145094	Reverse s
c 138	9	45.0	53	9	TA13H11Q	AL451500	T. brucei
139	9	45.0	54	1	AJ235754	AJ235754	AJ235754
140	9	45.0	54	1	AU259654	AU259654	AU259654
c 141	9	45.0	54	4	BJ032968	BJ032968	BJ032968
c 142	9	45.0	54	8	BZ594300	BZ594300	SALK_0837
143	9	45.0	54	8	BZ767933	BZ767933	SALK_1395
c 144	9	45.0	54	9	CG710442	CG710442	1119017D0
c 145	9	45.0	55	1	AA910226	AA910226	oj29f04.s
146	9	45.0	55	1	AA970079	AA970079	op65c11.s
c 147	9	45.0	55	5	BQ568816	BQ568816	gi116a07.
148	9	45.0	55	6	CB006039	CB006039	VVC028H12
c 149	9	45.0	55	6	CB214675	CB214675	OML04955
c 150	9	45.0	55	7	W30565	W30565	mc27g08.r1
c 151	9	45.0	55	8	BZ292210	BZ292210	SALK_1236
152	9	45.0	55	8	CC053691	CC053691	SALK_0466
153	9	45.0	55	9	AL940918	AL940918	Arabidops
c 154	9	45.0	56	2	BF213698	BF213698	601847556
155	9	45.0	56	2	AW474036	AW474036	xy08e07.x
156	9	45.0	56	7	CN932366	CN932366	000429AFB
c 157	9	45.0	56	8	AZ487845	AZ487845	1M0317G15
158	9	45.0	56	9	BX973541	BX973541	Reverse s
c 159	9	45.0	56	9	CR060541	CR060541	Reverse s
c 160	9	45.0	56	9	CR153595	CR153595	Forward s
c 161	9	45.0	56	9	TA103D01P	AL459276	T. brucei
162	9	45.0	57	5	BU404962	BU404962	604139448
163	9	45.0	57	6	C02328	C02328	HUMGS000682
c 164	9	45.0	57	9	TA348B10P	AL493595	T. brucei
165	9	45.0	57	9	CG733686	CG733686	1119158E0
c 166	9	45.0	57	9	CG892948	CG892948	01S0620-0
167	9	45.0	58	1	AA506617	AA506617	ni16a09.s
168	9	45.0	58	2	BF528603	BF528603	602041211
169	9	45.0	58	4	BG938970	BG938970	cn29f06.y
170	9	45.0	58	7	CN865824	CN865824	000824AAL
171	9	45.0	58	7	W98893	W98893	mg10e05.r1
172	9	45.0	58	8	AZ993538	AZ993538	2M0278D07
173	9	45.0	58	8	BH866299	BH866299	SALK_1011
174	9	45.0	58	9	AL947528	AL947528	Arabidops
175	9	45.0	58	9	BX534151	BX534151	Arabidops
176	9	45.0	58	9	BX963177	BX963177	Forward s
c 177	9	45.0	58	9	CG977876	CG977876	CH240_168
178	9	45.0	59	2	AW826671	AW826671	fk56b11.x
179	9	45.0	59	5	BQ637047	BQ637047	he05a03.y
180	9	45.0	59	7	CN941923	CN941923	010917AVB
c 181	9	45.0	59	7	CO743305	CO743305	TgESTzyq3
182	9	45.0	59	8	CC325968	CC325968	RRG002 Ba
c 183	9	45.0	59	9	AG223521	AG223521	Lotus cor
184	9	45.0	59	9	AJ594288	AJ594288	Arabidops
185	9	45.0	59	9	AL762578	AL762578	Arabidops
c 186	9	45.0	59	9	AL769883	AL769883	Arabidops
187	9	45.0	60	8	BZ354897	BZ354897	SALK_1259
188	9	45.0	60	9	BX998493	BX998493	Forward s
c 189	9	45.0	60	9	TA240G04P	AL481621	T. brucei
190	9	45.0	60	9	TA94E12Q	AL465423	T. brucei
c 191	8	40.0	19	1	AJ679811	AJ679811	AJ679811
192	8	40.0	20	1	AU256829	AU256829	AU256829
193	8	40.0	20	8	AZ429610	AZ429610	1M0213H12
194	8	40.0	20	8	BH000478	BH000478	2M0288C21
195	8	40.0	21	8	AZ325878	AZ325878	1M0048D18
196	8	40.0	21	9	AG189518	AG189518	Pan trogl
c 197	8	40.0	22	8	AZ376795	AZ376795	1M0130N14
198	8	40.0	22	9	TA129B01P	AL463979	T. brucei
c 199	8	40.0	22	9	TA245E10P	AL483585	T. brucei
c 200	8	40.0	22	9	TA314H07Q	AL489914	T. brucei
c 201	8	40.0	23	8	AZ376108	AZ376108	1M0129N14
c 202	8	40.0	23	8	AZ784247	AZ784247	2M0026D20
203	8	40.0	24	8	AZ612600	AZ612600	1M0439O19
c 204	8	40.0	24	8	AZ852116	AZ852116	2M0154M12
c 205	8	40.0	24	8	AZ859121	AZ859121	2M0164A07
c 206	8	40.0	24	9	AG202182	AG202182	Pan trogl
207	8	40.0	25	7	N32966	N32966	yy10h07.s1
208	8	40.0	25	8	AZ308557	AZ308557	1M0011I07
209	8	40.0	25	8	AZ513865	AZ513865	1M0360I09
c 210	8	40.0	25	8	AZ586010	AZ586010	1M0391D12
211	8	40.0	25	8	AZ803224	AZ803224	2M0063E04
212	8	40.0	25	8	BZ381778	BZ381778	SALK_1172
213	8	40.0	25	8	BZ383219	BZ383219	SALK_1252
214	8	40.0	25	8	BZ383316	BZ383316	SALK_1324
215	8	40.0	25	9	CG714850	CG714850	1119038G0
c 216	8	40.0	26	8	BZ353872	BZ353872	SALK_1223
217	8	40.0	26	8	BZ382980	BZ382980	SALK_1192
218	8	40.0	26	8	BZ383240	BZ383240	SALK_1253
c 219	8	40.0	26	9	TA252D07Q	AL482608	T. brucei
220	8	40.0	26	9	CG715348	CG715348	1119041B1
c 221	8	40.0	27	1	AU257750	AU257750	AU257750
222	8	40.0	27	8	AZ333199	AZ333199	1M0062H12
223	8	40.0	27	8	AZ418585	AZ418585	1M0194A18
224	8	40.0	27	8	AZ658180	AZ658180	1M0534L17
c 225	8	40.0	27	8	AZ806905	AZ806905	2M0069H13
226	8	40.0	27	8	AZ835120	AZ835120	2M0129L11
c 227	8	40.0	27	9	CL680176	CL680176	PRI0128a_
228	8	40.0	28	1	AI381812	AI381812	te42h10.x
229	8	40.0	28	1	AI667580	AI667580	fd15h07.x
230	8	40.0	28	7	CF321235	CF321235	HD--12-G1
231	8	40.0	28	8	BH759335	BH759335	KG02485-5
c 232	8	40.0	28	8	BZ380495	BZ380495	SALK_1152
233	8	40.0	28	8	BZ381891	BZ381891	SALK_1175
c 234	8	40.0	28	8	BZ594602	BZ594602	SALK_0845
c 235	8	40.0	28	8	BZ594690	BZ594690	SALK_0850
c 236	8	40.0	28	8	BZ594968	BZ594968	SALK_0854
c 237	8	40.0	28	8	BZ596673	BZ596673	SALK_0954
c 238	8	40.0	28	8	BZ665117	BZ665117	SALK_1107
c 239	8	40.0	28	8	BZ665191	BZ665191	SALK_1108
c 240	8	40.0	28	8	BZ766582	BZ766582	SALK_1375
241	8	40.0	28	9	CG715409	CG715409	1119041E0
c 242	8	40.0	29	8	AZ942364	AZ942364	2M0202B01
c 243	8	40.0	29	8	BH850078	BH850078	SALK_0707

	244	8	40.0	29	8	BZ381802	BZ381802 SALK_1173
	245	8	40.0	29	8	BZ381809	BZ381809 SALK_1173
	246	8	40.0	29	8	BZ381994	BZ381994 SALK_1176
	247	8	40.0	29	8	BZ382190	BZ382190 SALK_1179
	248	8	40.0	29	8	BZ382395	BZ382395 SALK_1182
	249	8	40.0	29	8	BZ382516	BZ382516 SALK_1184
	250	8	40.0	29	8	BZ383220	BZ383220 SALK_1252
	251	8	40.0	29	8	BZ383311	BZ383311 SALK_1324
c	252	8	40.0	29	9	TA6H12Q	AL451765 T. brucei
	253	8	40.0	29	9	TA88A08Q	AL460086 T. brucei
	254	8	40.0	30	2	BE735599	BE735599 601304856
c	255	8	40.0	30	7	CF642522	CF642522 D52_F10 F
	256	8	40.0	30	8	AZ773400	AZ773400 1M0584H20
	257	8	40.0	30	8	BZ354478	BZ354478 SALK_1251
	258	8	40.0	30	8	BZ354508	BZ354508 SALK_1252
	259	8	40.0	30	8	BZ382499	BZ382499 SALK_1183
	260	8	40.0	30	8	BZ383253	BZ383253 SALK_1253
	261	8	40.0	30	8	BZ383490	BZ383490 SALK_1340
	262	8	40.0	30	8	BZ592701	BZ592701 SALK_0285
	263	8	40.0	30	8	BZ594398	BZ594398 SALK_0840
c	264	8	40.0	30	9	AL768125	AL768125 Arabidops
	265	8	40.0	31	1	AI377540	AI377540 tc15g07.x
	266	8	40.0	31	1	AI863741	AI863741 wj04d05.x
	267	8	40.0	31	1	AU260323	AU260323 AU260323
	268	8	40.0	31	7	CF276212	CF276212 14ETL--01
	269	8	40.0	31	8	AZ365804	AZ365804 1M0112E17
c	270	8	40.0	31	8	AZ480244	AZ480244 1M0301A08
c	271	8	40.0	31	8	AZ938547	AZ938547 2M0197J10
	272	8	40.0	31	8	BH812421	BH812421 SALK_0617
	273	8	40.0	31	8	BZ379697	BZ379697 SALK_1137
	274	8	40.0	31	8	BZ381837	BZ381837 SALK_1174
	275	8	40.0	31	8	BZ382144	BZ382144 SALK_1179
c	276	8	40.0	31	8	CC459522	CC459522 SALK_1302
c	277	8	40.0	31	8	CC459534	CC459534 SALK_1303
c	278	8	40.0	31	9	AG195436	AG195436 Pan trogl
	279	8	40.0	31	9	BX891463	BX891463 Arabidops
	280	8	40.0	31	9	DME546675	AJ546675 Drosophil
	281	8	40.0	32	8	AZ625069	AZ625069 1M0464I08
c	282	8	40.0	32	8	AZ642287	AZ642287 1M0505D16
c	283	8	40.0	32	8	BZ767797	BZ767797 SALK_1393
	284	8	40.0	32	9	BX891452	BX891452 Arabidops
	285	8	40.0	32	9	DME546011	AJ546011 Drosophil
	286	8	40.0	33	7	CK583657	CK583657 IST_WI5_5
c	287	8	40.0	33	7	H58697	H58697 yr20h06.s1
	288	8	40.0	33	8	AZ506808	AZ506808 1M0348E12
	289	8	40.0	33	8	AZ964880	AZ964880 2M0234C17
c	290	8	40.0	33	8	BH901317	BH901317 SALK_0744
	291	8	40.0	33	8	BZ380427	BZ380427 SALK_1151
	292	8	40.0	33	8	BZ382631	BZ382631 SALK_1185
	293	8	40.0	33	8	BZ382981	BZ382981 SALK_1192
	294	8	40.0	33	8	BZ382996	BZ382996 SALK_1192
	295	8	40.0	33	8	BZ383227	BZ383227 SALK_1253
	296	8	40.0	33	8	BZ383488	BZ383488 SALK_1340
c	297	8	40.0	33	8	BZ665509	BZ665509 EY00511-3
	298	8	40.0	33	9	AJ622786	AJ622786 Drosophil
	299	8	40.0	33	9	BX536031	BX536031 Arabidops
	300	8	40.0	33	9	BX892079	BX892079 Arabidops
c	301	8	40.0	33	9	CC886854	CC886854 SALK_1491
	302	8	40.0	33	9	CG714746	CG714746 1119038B0
	303	8	40.0	34	1	AA972865	AA972865 op20g03.s
c	304	8	40.0	34	1	AA125242	AA125242 mp81f03.r
c	305	8	40.0	34	1	AI865809	AI865809 wk86c07.x
	306	8	40.0	34	1	AA390119	AA390119 mr37c04.r
c	307	8	40.0	34	2	AV954181	AV954181 AV954181
	308	8	40.0	34	2	BF136318	BF136318 601781438
c	309	8	40.0	34	4	BI830402	BI830402 603073453
c	310	8	40.0	34	4	BJ000845	BJ000845 BJ000845
	311	8	40.0	34	8	AZ305060	AZ305060 1M0005F01
c	312	8	40.0	34	8	AZ414072	AZ414072 1M0188B24
	313	8	40.0	34	8	AZ482003	AZ482003 1M0306D16
c	314	8	40.0	34	8	BH000438	BH000438 2M0288I15
	315	8	40.0	34	8	BZ354379	BZ354379 SALK_1248
	316	8	40.0	34	8	BZ354400	BZ354400 SALK_1248
	317	8	40.0	34	8	BZ354406	BZ354406 SALK_1248
	318	8	40.0	34	8	BZ354483	BZ354483 SALK_1251
	319	8	40.0	34	8	BZ354504	BZ354504 SALK_1252
	320	8	40.0	34	8	BZ382878	BZ382878 SALK_1190
	321	8	40.0	34	8	BZ383247	BZ383247 SALK_1253
	322	8	40.0	34	8	BZ383410	BZ383410 SALK_1339
	323	8	40.0	34	8	BZ383540	BZ383540 SALK_1340
	324	8	40.0	34	8	BZ384291	BZ384291 SALK_1353
c	325	8	40.0	34	9	AG260268	AG260268 Lotus cor
	326	8	40.0	34	9	BX891056	BX891056 Arabidops
	327	8	40.0	34	9	BX891464	BX891464 Arabidops
	328	8	40.0	34	9	BX892078	BX892078 Arabidops
	329	8	40.0	34	9	DR4E2T	AL743593 Danio rer
c	330	8	40.0	35	1	AJ649901	AJ649901 AJ649901
	331	8	40.0	35	1	AJ666301	AJ666301 AJ666301
c	332	8	40.0	35	2	AW246901	AW246901 2822283.5
c	333	8	40.0	35	4	BI333189	BI333189 602996505
c	334	8	40.0	35	8	AZ581591	AZ581591 1M0370O23
	335	8	40.0	35	8	AZ799448	AZ799448 2M0056M22
	336	8	40.0	35	8	BZ381898	BZ381898 SALK_1175
	337	8	40.0	35	8	BZ382118	BZ382118 SALK_1178
	338	8	40.0	35	8	BZ382723	BZ382723 SALK_1187
	339	8	40.0	35	8	BZ382844	BZ382844 SALK_1189
	340	8	40.0	35	8	BZ383212	BZ383212 SALK_1252
	341	8	40.0	35	8	BZ383273	BZ383273 SALK_1253
	342	8	40.0	35	8	BZ596682	BZ596682 SALK_0955
	343	8	40.0	35	8	BZ761423	BZ761423 SALK_0004
c	344	8	40.0	35	9	AG216177	AG216177 Drosophil
	345	8	40.0	35	9	BX892043	BX892043 Arabidops
	346	8	40.0	35	9	BX894071	BX894071 Arabidops
	347	8	40.0	35	9	BX950004	BX950004 Arabidops
	348	8	40.0	35	9	CG715327	CG715327 1119041B0
c	349	8	40.0	36	8	AZ816228	AZ816228 2M0084D24
c	350	8	40.0	36	8	BH792124	BH792124 SALK_0627
	351	8	40.0	36	8	BZ353088	BZ353088 SALK_1197
	352	8	40.0	36	8	BZ353560	BZ353560 SALK_1204
	353	8	40.0	36	8	BZ353590	BZ353590 SALK_1205
	354	8	40.0	36	8	BZ353609	BZ353609 SALK_1205
	355	8	40.0	36	8	BZ353624	BZ353624 SALK_1205
	356	8	40.0	36	8	BZ354342	BZ354342 SALK_1248
	357	8	40.0	36	8	BZ354356	BZ354356 SALK_1248
	358	8	40.0	36	8	BZ354362	BZ354362 SALK_1248
	359	8	40.0	36	8	BZ354375	BZ354375 SALK_1248
	360	8	40.0	36	8	BZ354398	BZ354398 SALK_1248
	361	8	40.0	36	8	BZ354409	BZ354409 SALK_1248
	362	8	40.0	36	8	BZ354422	BZ354422 SALK_1250
	363	8	40.0	36	8	BZ354426	BZ354426 SALK_1251
	364	8	40.0	36	8	BZ354429	BZ354429 SALK_1251
	365	8	40.0	36	8	BZ354430	BZ354430 SALK_1251
	366	8	40.0	36	8	BZ354432	BZ354432 SALK_1251
	367	8	40.0	36	8	BZ354436	BZ354436 SALK_1251
	368	8	40.0	36	8	BZ354438	BZ354438 SALK_1251
	369	8	40.0	36	8	BZ354443	BZ354443 SALK_1251
	370	8	40.0	36	8	BZ354444	BZ354444 SALK_1251
	371	8	40.0	36	8	BZ354446	BZ354446 SALK_1251
	372	8	40.0	36	8	BZ354447	BZ354447 SALK_1251
	373	8	40.0	36	8	BZ354455	BZ354455 SALK_1251
	374	8	40.0	36	8	BZ354456	BZ354456 SALK_1251
	375	8	40.0	36	8	BZ354466	BZ354466 SALK_1251
	376	8	40.0	36	8	BZ354471	BZ354471 SALK_1251
	377	8	40.0	36	8	BZ354473	BZ354473 SALK_1251
	378	8	40.0	36	8	BZ354479	BZ354479 SALK_1251
	379	8	40.0	36	8	BZ354484	BZ354484 SALK_1251
	380	8	40.0	36	8	BZ354486	BZ354486 SALK_1251
	381	8	40.0	36	8	BZ354489	BZ354489 SALK_1251
	382	8	40.0	36	8	BZ354492	BZ354492 SALK_1252
	383	8	40.0	36	8	BZ354493	BZ354493 SALK_1252
	384	8	40.0	36	8	BZ354494	BZ354494 SALK_1252
	385	8	40.0	36	8	BZ354499	BZ354499 SALK_1252
	386	8	40.0	36	8	BZ354500	BZ354500 SALK_1252
	387	8	40.0	36	8	BZ354505	BZ354505 SALK_1252
	388	8	40.0	36	8	BZ354509	BZ354509 SALK_1252
	389	8	40.0	36	8	BZ354512	BZ354512 SALK_1252

390	8	40.0	36	8	BZ354520	BZ354520 SALK_1252		463	8	40.0	36	8	BZ382539	BZ382539 SALK_1184
391	8	40.0	36	8	BZ354521	BZ354521 SALK_1252		464	8	40.0	36	8	BZ382552	BZ382552 SALK_1184
392	8	40.0	36	8	BZ354526	BZ354526 SALK_1252		465	8	40.0	36	8	BZ382555	BZ382555 SALK_1184
393	8	40.0	36	8	BZ354541	BZ354541 SALK_1252		466	8	40.0	36	8	BZ382561	BZ382561 SALK_1184
394	8	40.0	36	8	BZ354542	BZ354542 SALK_1252		467	8	40.0	36	8	BZ382569	BZ382569 SALK_1184
395	8	40.0	36	8	BZ354544	BZ354544 SALK_1252		468	8	40.0	36	8	BZ382595	BZ382595 SALK_1185
396	8	40.0	36	8	BZ377402	BZ377402 SALK_0808		469	8	40.0	36	8	BZ382600	BZ382600 SALK_1185
397	8	40.0	36	8	BZ378035	BZ378035 SALK_1065		470	8	40.0	36	8	BZ382601	BZ382601 SALK_1185
398	8	40.0	36	8	BZ378037	BZ378037 SALK_1065		471	8	40.0	36	8	BZ382602	BZ382602 SALK_1185
399	8	40.0	36	8	BZ378062	BZ378062 SALK_1066		472	8	40.0	36	8	BZ382606	BZ382606 SALK_1185
400	8	40.0	36	8	BZ379589	BZ379589 SALK_1135		473	8	40.0	36	8	BZ382609	BZ382609 SALK_1185
401	8	40.0	36	8	BZ381799	BZ381799 SALK_1173		474	8	40.0	36	8	BZ382673	BZ382673 SALK_1186
402	8	40.0	36	8	BZ381804	BZ381804 SALK_1173		475	8	40.0	36	8	BZ382717	BZ382717 SALK_1187
403	8	40.0	36	8	BZ381805	BZ381805 SALK_1173		476	8	40.0	36	8	BZ382730	BZ382730 SALK_1187
404	8	40.0	36	8	BZ381806	BZ381806 SALK_1173		477	8	40.0	36	8	BZ382735	BZ382735 SALK_1187
405	8	40.0	36	8	BZ381807	BZ381807 SALK_1173		478	8	40.0	36	8	BZ382772	BZ382772 SALK_1187
406	8	40.0	36	8	BZ381815	BZ381815 SALK_1173		479	8	40.0	36	8	BZ382790	BZ382790 SALK_1188
407	8	40.0	36	8	BZ381819	BZ381819 SALK_1173		480	8	40.0	36	8	BZ382791	BZ382791 SALK_1188
408	8	40.0	36	8	BZ381820	BZ381820 SALK_1173		481	8	40.0	36	8	BZ382810	BZ382810 SALK_1189
409	8	40.0	36	8	BZ381832	BZ381832 SALK_1174		482	8	40.0	36	8	BZ382822	BZ382822 SALK_1189
410	8	40.0	36	8	BZ381838	BZ381838 SALK_1174		483	8	40.0	36	8	BZ382835	BZ382835 SALK_1189
411	8	40.0	36	8	BZ381843	BZ381843 SALK_1174		484	8	40.0	36	8	BZ382866	BZ382866 SALK_1190
412	8	40.0	36	8	BZ381848	BZ381848 SALK_1174		485	8	40.0	36	8	BZ382900	BZ382900 SALK_1190
413	8	40.0	36	8	BZ381855	BZ381855 SALK_1174		486	8	40.0	36	8	BZ382925	BZ382925 SALK_1191
414	8	40.0	36	8	BZ381865	BZ381865 SALK_1174		487	8	40.0	36	8	BZ382962	BZ382962 SALK_1191
415	8	40.0	36	8	BZ381866	BZ381866 SALK_1174		488	8	40.0	36	8	BZ382984	BZ382984 SALK_1192
416	8	40.0	36	8	BZ381868	BZ381868 SALK_1174		489	8	40.0	36	8	BZ383134	BZ383134 SALK_1210
417	8	40.0	36	8	BZ381881	BZ381881 SALK_1175		490	8	40.0	36	8	BZ383148	BZ383148 SALK_1210
418	8	40.0	36	8	BZ381883	BZ381883 SALK_1175		491	8	40.0	36	8	BZ383150	BZ383150 SALK_1210
419	8	40.0	36	8	BZ381892	BZ381892 SALK_1175		492	8	40.0	36	8	BZ383159	BZ383159 SALK_1210
420	8	40.0	36	8	BZ381894	BZ381894 SALK_1175		493	8	40.0	36	8	BZ383162	BZ383162 SALK_1210
421	8	40.0	36	8	BZ381948	BZ381948 SALK_1176		494	8	40.0	36	8	BZ383192	BZ383192 SALK_1211
422	8	40.0	36	8	BZ381957	BZ381957 SALK_1176		495	8	40.0	36	8	BZ383209	BZ383209 SALK_1252
423	8	40.0	36	8	BZ381959	BZ381959 SALK_1176		496	8	40.0	36	8	BZ383213	BZ383213 SALK_1252
424	8	40.0	36	8	BZ382011	BZ382011 SALK_1177		497	8	40.0	36	8	BZ383221	BZ383221 SALK_1253
425	8	40.0	36	8	BZ382057	BZ382057 SALK_1178		498	8	40.0	36	8	BZ383225	BZ383225 SALK_1253
426	8	40.0	36	8	BZ382063	BZ382063 SALK_1178		499	8	40.0	36	8	BZ383230	BZ383230 SALK_1253
427	8	40.0	36	8	BZ382065	BZ382065 SALK_1178		500	8	40.0	36	8	BZ383231	BZ383231 SALK_1253
428	8	40.0	36	8	BZ382067	BZ382067 SALK_1178		501	8	40.0	36	8	BZ383233	BZ383233 SALK_1253
429	8	40.0	36	8	BZ382071	BZ382071 SALK_1178		502	8	40.0	36	8	BZ383235	BZ383235 SALK_1253
430	8	40.0	36	8	BZ382076	BZ382076 SALK_1178		503	8	40.0	36	8	BZ383244	BZ383244 SALK_1253
431	8	40.0	36	8	BZ382080	BZ382080 SALK_1178		504	8	40.0	36	8	BZ383245	BZ383245 SALK_1253
432	8	40.0	36	8	BZ382084	BZ382084 SALK_1178		505	8	40.0	36	8	BZ383249	BZ383249 SALK_1253
433	8	40.0	36	8	BZ382091	BZ382091 SALK_1178		506	8	40.0	36	8	BZ383262	BZ383262 SALK_1253
434	8	40.0	36	8	BZ382098	BZ382098 SALK_1178		507	8	40.0	36	8	BZ383266	BZ383266 SALK_1253
435	8	40.0	36	8	BZ382104	BZ382104 SALK_1178		508	8	40.0	36	8	BZ383282	BZ383282 SALK_1323
436	8	40.0	36	8	BZ382115	BZ382115 SALK_1178		509	8	40.0	36	8	BZ383283	BZ383283 SALK_1323
437	8	40.0	36	8	BZ382119	BZ382119 SALK_1178		510	8	40.0	36	8	BZ383286	BZ383286 SALK_1323
438	8	40.0	36	8	BZ382130	BZ382130 SALK_1178		511	8	40.0	36	8	BZ383302	BZ383302 SALK_1324
439	8	40.0	36	8	BZ382138	BZ382138 SALK_1179		512	8	40.0	36	8	BZ383303	BZ383303 SALK_1324
440	8	40.0	36	8	BZ382172	BZ382172 SALK_1179		513	8	40.0	36	8	BZ383321	BZ383321 SALK_1324
441	8	40.0	36	8	BZ382194	BZ382194 SALK_1179		514	8	40.0	36	8	BZ383329	BZ383329 SALK_1324
442	8	40.0	36	8	BZ382204	BZ382204 SALK_1179		515	8	40.0	36	8	BZ383346	BZ383346 SALK_1324
443	8	40.0	36	8	BZ382210	BZ382210 SALK_1180		516	8	40.0	36	8	BZ383353	BZ383353 SALK_1338
444	8	40.0	36	8	BZ382254	BZ382254 SALK_1180		517	8	40.0	36	8	BZ383403	BZ383403 SALK_1339
445	8	40.0	36	8	BZ382262	BZ382262 SALK_1180		518	8	40.0	36	8	BZ383432	BZ383432 SALK_1339
446	8	40.0	36	8	BZ382278	BZ382278 SALK_1180		519	8	40.0	36	8	BZ383433	BZ383433 SALK_1339
447	8	40.0	36	8	BZ382293	BZ382293 SALK_1181		520	8	40.0	36	8	BZ383486	BZ383486 SALK_1340
448	8	40.0	36	8	BZ382301	BZ382301 SALK_1181		521	8	40.0	36	8	BZ383494	BZ383494 SALK_1340
449	8	40.0	36	8	BZ382313	BZ382313 SALK_1181		522	8	40.0	36	8	BZ383505	BZ383505 SALK_1340
450	8	40.0	36	8	BZ382338	BZ382338 SALK_1181		523	8	40.0	36	8	BZ383514	BZ383514 SALK_1340
451	8	40.0	36	8	BZ382352	BZ382352 SALK_1181		524	8	40.0	36	8	BZ383547	BZ383547 SALK_1340
452	8	40.0	36	8	BZ382386	BZ382386 SALK_1182		525	8	40.0	36	8	BZ594161	BZ594161 SALK_0830
453	8	40.0	36	8	BZ382420	BZ382420 SALK_1182		526	8	40.0	36	8	BZ596732	BZ596732 SALK_0958
454	8	40.0	36	8	BZ382441	BZ382441 SALK_1183		527	8	40.0	36	8	BZ597004	BZ597004 SALK_0992
455	8	40.0	36	8	BZ382446	BZ382446 SALK_1183		528	8	40.0	36	9	BX288917	BX288917 Arabidops
456	8	40.0	36	8	BZ382454	BZ382454 SALK_1183		529	8	40.0	36	9	BX892917	BX892917 Arabidops
457	8	40.0	36	8	BZ382474	BZ382474 SALK_1183		530	8	40.0	36	9	TA345F06Q	AL496000 T. brucei
458	8	40.0	36	8	BZ382476	BZ382476 SALK_1183		531	8	40.0	36	9	TA381F03Q	AL497684 T. brucei
459	8	40.0	36	8	BZ382517	BZ382517 SALK_1184		532	8	40.0	37	1	AA059152	AA059152 zf64b02.r
460	8	40.0	36	8	BZ382525	BZ382525 SALK_1184	c	533	8	40.0	37	1	AA897070	AA897070 al06h07.s
461	8	40.0	36	8	BZ382529	BZ382529 SALK_1184	c	534	8	40.0	37	1	AA923005	AA923005 ok76c01.s
462	8	40.0	36	8	BZ382530	BZ382530 SALK_1184		535	8	40.0	37	1	AA923456	AA923456 ol47d12.s

c 536	8	40.0	37	1	AI558529	AI558529	fb73c11.y
537	8	40.0	37	1	AI966055	AI966055	sc26d04.y
538	8	40.0	37	2	AV963022	AV963022	AV963022
c 539	8	40.0	37	2	BE893971	BE893971	601437757
c 540	8	40.0	37	4	BJ028820	BJ028820	BJ028820
c 541	8	40.0	37	4	BM008282	BM008282	603617931
c 542	8	40.0	37	5	BW590243	BW590243	BW590243
c 543	8	40.0	37	8	BH757895	BH757895	SALK_0107
544	8	40.0	37	8	BZ353608	BZ353608	SALK_1205
545	8	40.0	37	8	BZ354376	BZ354376	SALK_1248
546	8	40.0	37	8	BZ354463	BZ354463	SALK_1251
547	8	40.0	37	8	BZ354501	BZ354501	SALK_1252
548	8	40.0	37	8	BZ354503	BZ354503	SALK_1252
549	8	40.0	37	8	BZ354507	BZ354507	SALK_1252
550	8	40.0	37	8	BZ354527	BZ354527	SALK_1252
551	8	40.0	37	8	BZ354530	BZ354530	SALK_1252
552	8	40.0	37	8	BZ381816	BZ381816	SALK_1173
553	8	40.0	37	8	BZ381996	BZ381996	SALK_1176
554	8	40.0	37	8	BZ382056	BZ382056	SALK_1178
555	8	40.0	37	8	BZ382087	BZ382087	SALK_1178
556	8	40.0	37	8	BZ382142	BZ382142	SALK_1179
557	8	40.0	37	8	BZ382152	BZ382152	SALK_1179
558	8	40.0	37	8	BZ382343	BZ382343	SALK_1181
559	8	40.0	37	8	BZ382358	BZ382358	SALK_1181
560	8	40.0	37	8	BZ382642	BZ382642	SALK_1185
561	8	40.0	37	8	BZ382741	BZ382741	SALK_1187
562	8	40.0	37	8	BZ382826	BZ382826	SALK_1189
563	8	40.0	37	8	BZ382874	BZ382874	SALK_1190
564	8	40.0	37	8	BZ383246	BZ383246	SALK_1253
565	8	40.0	37	8	BZ383250	BZ383250	SALK_1253
566	8	40.0	37	8	BZ383401	BZ383401	SALK_1338
567	8	40.0	37	8	BZ383530	BZ383530	SALK_1340
568	8	40.0	37	8	BZ594662	BZ594662	SALK_0846
569	8	40.0	37	8	BZ766452	BZ766452	SALK_1374
570	8	40.0	37	9	BX891481	BX891481	Arabidops
571	8	40.0	37	9	BX892080	BX892080	Arabidops
c 572	8	40.0	37	9	TA211B11P	AL478555	T. brucei
573	8	40.0	38	4	BG963145	BG963145	602828169
574	8	40.0	38	8	AZ770404	AZ770404	1M0571P20
575	8	40.0	38	8	BZ353625	BZ353625	SALK_1205
576	8	40.0	38	8	BZ354510	BZ354510	SALK_1252
577	8	40.0	38	8	BZ381823	BZ381823	SALK_1173
578	8	40.0	38	8	BZ382114	BZ382114	SALK_1178
579	8	40.0	38	8	BZ382870	BZ382870	SALK_1190
580	8	40.0	38	8	BZ383218	BZ383218	SALK_1252
581	8	40.0	38	8	BZ383228	BZ383228	SALK_1253
582	8	40.0	38	9	BX891076	BX891076	Arabidops
583	8	40.0	38	9	BX892049	BX892049	Arabidops
584	8	40.0	38	9	BX892124	BX892124	Arabidops
c 585	8	40.0	38	9	DR38B4S	AL981772	Danio rer
c 586	8	40.0	38	9	CG727211	CG727211	1119093G0
c 587	8	40.0	39	1	AU246274	AU246274	AU246274
588	8	40.0	39	2	AV952966	AV952966	AV952966
589	8	40.0	39	2	AW004300	AW004300	701557346
590	8	40.0	39	4	BI689793	BI689793	603316006
591	8	40.0	39	4	BJ037074	BJ037074	BJ037074
592	8	40.0	39	4	BJ065029	BJ065029	BJ065029
593	8	40.0	39	7	CF312347	CF312347	ABF--08-A
594	8	40.0	39	8	AZ462636	AZ462636	1M0269K12
c 595	8	40.0	39	8	AZ825536	AZ825536	2M0100J14
596	8	40.0	39	8	AZ834224	AZ834224	2M0116O13
597	8	40.0	39	8	BZ381110	BZ381110	SALK_1162
c 598	8	40.0	39	9	CR360589	CR360589	Arabidops
599	8	40.0	39	9	CC886816	CC886816	SALK_1490
c 600	8	40.0	39	9	CL943655	CL943655	EY14623-5
601	8	40.0	39	9	CW020312	CW020312	GC0570 TI
c 602	8	40.0	40	1	AI006944	AI006944	ua77b09.r
603	8	40.0	40	1	AI970693	AI970693	wr13c05.x
604	8	40.0	40	1	AA255159	AA255159	mz82c08.r
605	8	40.0	40	1	AA467880	AA467880	nc75a09.r
606	8	40.0	40	2	BE778643	BE778643	601466403
607	8	40.0	40	7	D19982	D19982	HUMGS00948
c 608	8	40.0	40	8	AZ785509	AZ785509	2M0029K24
609	8	40.0	40	8	AZ822330	AZ822330	2M0095J05
c 610	8	40.0	40	9	AJ592541	AJ592541	Arabidops
c 611	8	40.0	40	9	BX133759	BX133759	Danio rer
c 612	8	40.0	40	9	CC799916	CC799916	01S0783-0
c 613	8	40.0	41	4	BI091365	BI091365	602859226
614	8	40.0	41	6	CA905342	CA905342	PCSC06711
615	8	40.0	41	7	CN755514	CN755514	ID0AAA16A
c 616	8	40.0	41	7	H52588	H52588	yt85h01.r1
617	8	40.0	41	8	AZ386991	AZ386991	1M0146C18
618	8	40.0	41	8	BH855089	BH855089	SALK_0866
619	8	40.0	41	8	BZ590206	BZ590206	3590_1_74
620	8	40.0	41	9	AG197192	AG197192	Pan trogl
621	8	40.0	41	9	AG201570	AG201570	Pan trogl
c 622	8	40.0	41	9	BX218510	BX218510	Danio rer
623	8	40.0	41	9	BX246667	BX246667	Danio rer
c 624	8	40.0	41	9	BX945440	BX945440	Arabidops
c 625	8	40.0	41	9	CL303537	CL303537	M042D07 G
626	8	40.0	42	1	AI191530	AI191530	qe49a09.x
c 627	8	40.0	42	4	BG969020	BG969020	602834960
c 628	8	40.0	42	8	AQ025498	AQ025498	EP(X)1558
c 629	8	40.0	42	8	AQ025499	AQ025499	EP(X)1559
630	8	40.0	42	8	AZ833543	AZ833543	2M0115N10
c 631	8	40.0	42	8	BH806427	BH806427	1008072A0
c 632	8	40.0	42	8	BH806462	BH806462	1008072E0
c 633	8	40.0	42	8	BH840598	BH840598	KG05760-3
c 634	8	40.0	42	8	BH905431	BH905431	SALK_1067
c 635	8	40.0	42	8	BH914349	BH914349	3526_1_43
c 636	8	40.0	42	8	BZ584441	BZ584441	3590_1_57
c 637	8	40.0	42	9	BX122348	BX122348	Danio rer
638	8	40.0	43	1	AI416827	AI416827	sa19a08.y
c 639	8	40.0	43	1	AJ789257	AJ789257	AJ789257
c 640	8	40.0	43	1	AA461694	AA461694	vf93f12.r
641	8	40.0	43	4	BJ058386	BJ058386	BJ058386
642	8	40.0	43	7	D67716	D67716	CELK076H5F
643	8	40.0	43	8	AZ502521	AZ502521	1M0341B23
c 644	8	40.0	43	8	AZ785692	AZ785692	2M0029P14
c 645	8	40.0	43	8	AZ992855	AZ992855	2M0277H12
c 646	8	40.0	43	8	BH853056	BH853056	SALK_0759
c 647	8	40.0	43	8	BZ767248	BZ767248	SALK_1385
648	8	40.0	43	9	AG202418	AG202418	Pan trogl
649	8	40.0	43	9	BX894058	BX894058	Arabidops
650	8	40.0	43	9	TA247E08P	AL483247	T. brucei
c 651	8	40.0	44	1	AI155741	AI155741	ue03f04.r
652	8	40.0	44	1	AA492220	AA492220	ng79a04.s
c 653	8	40.0	44	4	BI825999	BI825999	603076591
c 654	8	40.0	44	7	CF321982	CF321982	HD--13-G1
655	8	40.0	44	7	CK589961	CK589961	IST_WI5_4
c 656	8	40.0	44	8	AQ025485	AQ025485	EP(X)1488
c 657	8	40.0	44	8	AZ325110	AZ325110	1M0047C19
658	8	40.0	44	8	AZ363192	AZ363192	1M0108B09
c 659	8	40.0	44	8	AZ363192	AZ363192	1M0108B09
c 660	8	40.0	44	8	BH840558	BH840558	KG05055-3
661	8	40.0	44	8	BH865551	BH865551	SALK_0988
662	8	40.0	44	8	BZ353579	BZ353579	SALK_1205
663	8	40.0	44	8	CC032047	CC032047	3591_1_12
c 664	8	40.0	44	8	CC200174	CC200174	XG216 Bay
665	8	40.0	44	9	AJ588073	AJ588073	Arabidops
666	8	40.0	44	9	BX155089	BX155089	Danio rer
667	8	40.0	44	9	BX292043	BX292043	Arabidops
c 668	8	40.0	44	9	BX292587	BX292587	Arabidops
669	8	40.0	44	9	BX891473	BX891473	Arabidops
670	8	40.0	44	9	BX891474	BX891474	Arabidops
671	8	40.0	45	1	AI968998	AI968998	wq68a08.x
c 672	8	40.0	45	1	AJ789744	AJ789744	AJ789744
c 673	8	40.0	45	2	AV960396	AV960396	AV960396
c 674	8	40.0	45	2	BE739403	BE739403	601555870
c 675	8	40.0	45	4	BG866313	BG866313	602785111
676	8	40.0	45	8	AZ502374	AZ502374	1M0341F07
677	8	40.0	45	8	AZ851584	AZ851584	2M0153F24
678	8	40.0	45	8	AZ937078	AZ937078	2M0195F07
679	8	40.0	45	8	BH850860	BH850860	SALK_0719
680	8	40.0	45	8	BH865553	BH865553	SALK_0988
681	8	40.0	45	8	BZ590341	BZ590341	3590_1_76

c 682	8	40.0	45	8	CC019362	CC019362	3591_1_14
c 683	8	40.0	45	9	AL943467	AL943467	Arabidops
684	8	40.0	45	9	BX658997	BX658997	Arabidops
685	8	40.0	45	9	BX892035	BX892035	Arabidops
686	8	40.0	45	9	CC795542	CC795542	SALK_0822
c 687	8	40.0	45	9	CG727263	CG727263	1119094A0
688	8	40.0	45	9	CL211620	CL211620	W189B08 G
c 689	8	40.0	46	1	AA638322	AA638322	vl98c04.r
c 690	8	40.0	46	1	AA681437	AA681437	vr35h03.r
c 691	8	40.0	46	1	AA878839	AA878839	of87g11.s
c 692	8	40.0	46	1	AA916137	AA916137	og32c10.s
c 693	8	40.0	46	1	AI941237	AI941237	sb86c06.y
694	8	40.0	46	1	AI941313	AI941313	sb87e01.y
c 695	8	40.0	46	1	AA569383	AA569383	nl85d04.s
c 696	8	40.0	46	7	CF315365	CF315365	HD--04-E0
c 697	8	40.0	46	7	CO780665	CO780665	BL010B_B0
c 698	8	40.0	46	8	AQ025695	AQ025695	1(2)k0100
699	8	40.0	46	8	AZ484138	AZ484138	1M0310E20
c 700	8	40.0	46	8	AZ800704	AZ800704	2M0058D22
c 701	8	40.0	46	8	BH862330	BH862330	SALK_0893
c 702	8	40.0	46	8	BH901801	BH901801	SALK_0865
c 703	8	40.0	46	8	BH902825	BH902825	SALK_1010
704	8	40.0	46	8	CC183633	CC183633	RST407 Ba
c 705	8	40.0	46	8	CC326487	CC326487	XN729 Bay
706	8	40.0	46	9	BX659067	BX659067	Arabidops
707	8	40.0	46	9	BX892314	BX892314	Arabidops
c 708	8	40.0	46	9	TA227B02Q	AL479987	T. brucei
c 709	8	40.0	46	9	CG712973	CG712973	1119029H0
710	8	40.0	46	9	CG774038	CG774038	1123015H1
c 711	8	40.0	46	9	CG800366	CG800366	1118011A0
712	8	40.0	46	9	CL522399	CL522399	DAK2E09 F
c 713	8	40.0	47	1	AV832665	AV832665	AV832665
714	8	40.0	47	2	BE738746	BE738746	601572996
c 715	8	40.0	47	6	CB223045	CB223045	1JEJ18H8
716	8	40.0	47	7	CO790095	CO790095	NT008D_B0
717	8	40.0	47	8	AQ025310	AQ025310	EP(3)3513
c 718	8	40.0	47	8	AZ785454	AZ785454	2M0029A21
c 719	8	40.0	47	8	BH629488	BH629488	1007073A0
c 720	8	40.0	47	8	BZ380035	BZ380035	SALK_1144
721	8	40.0	47	9	AG190670	AG190670	Pan trogl
c 722	8	40.0	48	1	AI749566	AI749566	at30f01.x
c 723	8	40.0	48	4	BG390427	BG390427	602416059
724	8	40.0	48	7	CF309920	CF309920	ABF--04-F
c 725	8	40.0	48	8	AZ300919	AZ300919	EP(2)0882
726	8	40.0	48	8	AZ331610	AZ331610	1M0059I08
c 727	8	40.0	48	8	AZ486468	AZ486468	1M0314E04
728	8	40.0	48	8	AZ805993	AZ805993	2M0067E16
c 729	8	40.0	48	8	AZ936691	AZ936691	2M0193E06
c 730	8	40.0	48	8	BZ764757	BZ764757	SALK_1267
c 731	8	40.0	48	8	CC155999	CC155999	Ex285 Bay
732	8	40.0	48	9	AG203156	AG203156	Pan trogl
733	8	40.0	48	9	BX950124	BX950124	Arabidops
734	8	40.0	48	9	CR405409	CR405409	Arabidops
735	8	40.0	48	9	TA304B05P	AL490894	T. brucei
736	8	40.0	48	9	CC886903	CC886903	SALK_1492
c 737	8	40.0	49	1	AA727650	AA727650	vu97e07.r
c 738	8	40.0	49	1	AA733436	AA733436	vt75f01.r
739	8	40.0	49	1	AA804906	AA804906	ob99d12.s
c 740	8	40.0	49	1	AA922626	AA922626	om50a02.s
c 741	8	40.0	49	1	AI197669	AI197669	ue46g05.r
742	8	40.0	49	1	AI326039	AI326039	mr66c09.x
743	8	40.0	49	1	AI429131	AI429131	ml51e01.x
744	8	40.0	49	1	AI633472	AI633472	th62d10.x
745	8	40.0	49	1	AI958763	AI958763	fc96g05.y
c 746	8	40.0	49	1	AA238379	AA238379	mx78e09.r
c 747	8	40.0	49	2	AV952838	AV952838	AV952838
c 748	8	40.0	49	4	BI091059	BI091059	602855251
749	8	40.0	49	8	AZ397630	AZ397630	1M0162O12
750	8	40.0	49	8	AZ435462	AZ435462	1M0222F03
c 751	8	40.0	49	8	AZ448959	AZ448959	1M0247A04
752	8	40.0	49	8	AZ664201	AZ664201	1M0544D16
c 753	8	40.0	49	8	AZ771132	AZ771132	1M0573O02
c 754	8	40.0	49	8	BZ587775	BZ587775	3590_1_3_
c 755	8	40.0	49	9	AL771626	AL771626	Arabidops
756	8	40.0	49	9	BX662005	BX662005	Arabidops
c 757	8	40.0	49	9	CG779936	CG779936	1123036F1
c 758	8	40.0	49	9	CG894738	CG894738	03S4734-0
759	8	40.0	49	9	CL521552	CL521552	SAL3C04 F
760	8	40.0	50	1	AA790225	AA790225	vw15d10.r
761	8	40.0	50	1	AU102383	AU102383	AU102383
762	8	40.0	50	1	AU102392	AU102392	AU102392
c 763	8	40.0	50	1	AU102590	AU102590	AU102590
764	8	40.0	50	1	AU102668	AU102668	AU102668
765	8	40.0	50	1	AU102809	AU102809	AU102809
c 766	8	40.0	50	1	AU102827	AU102827	AU102827
767	8	40.0	50	1	AU102880	AU102880	AU102880
c 768	8	40.0	50	1	AU102934	AU102934	AU102934
c 769	8	40.0	50	1	AU103010	AU103010	AU103010
c 770	8	40.0	50	1	AU103012	AU103012	AU103012
c 771	8	40.0	50	1	AU103056	AU103056	AU103056
c 772	8	40.0	50	1	AU103782	AU103782	AU103782
773	8	40.0	50	1	AU103840	AU103840	AU103840
c 774	8	40.0	50	1	AU103866	AU103866	AU103866
c 775	8	40.0	50	1	AU103872	AU103872	AU103872
776	8	40.0	50	1	AU103994	AU103994	AU103994
c 777	8	40.0	50	1	AU104073	AU104073	AU104073
c 778	8	40.0	50	1	AU104074	AU104074	AU104074
779	8	40.0	50	1	AU104151	AU104151	AU104151
c 780	8	40.0	50	1	AU104179	AU104179	AU104179
781	8	40.0	50	1	AU104255	AU104255	AU104255
782	8	40.0	50	1	AU104772	AU104772	AU104772
c 783	8	40.0	50	1	AU104775	AU104775	AU104775
784	8	40.0	50	1	AU104783	AU104783	AU104783
785	8	40.0	50	1	AU104784	AU104784	AU104784
786	8	40.0	50	1	AU104785	AU104785	AU104785
c 787	8	40.0	50	1	AU104812	AU104812	AU104812
788	8	40.0	50	1	AU104929	AU104929	AU104929
c 789	8	40.0	50	1	AU105004	AU105004	AU105004
c 790	8	40.0	50	1	AU105313	AU105313	AU105313
c 791	8	40.0	50	1	AU105481	AU105481	AU105481
792	8	40.0	50	1	AU105517	AU105517	AU105517
793	8	40.0	50	1	AU105574	AU105574	AU105574
794	8	40.0	50	1	AU105578	AU105578	AU105578
c 795	8	40.0	50	1	AU105626	AU105626	AU105626
c 796	8	40.0	50	1	AU105786	AU105786	AU105786
c 797	8	40.0	50	1	AU105787	AU105787	AU105787
c 798	8	40.0	50	1	AU105788	AU105788	AU105788
c 799	8	40.0	50	1	AU105863	AU105863	AU105863
c 800	8	40.0	50	1	AU105864	AU105864	AU105864
c 801	8	40.0	50	1	AU106473	AU106473	AU106473
c 802	8	40.0	50	1	AU106535	AU106535	AU106535
c 803	8	40.0	50	1	AU106672	AU106672	AU106672
c 804	8	40.0	50	1	AU106867	AU106867	AU106867
c 805	8	40.0	50	1	AU106868	AU106868	AU106868
c 806	8	40.0	50	1	AU106869	AU106869	AU106869
c 807	8	40.0	50	1	AU106870	AU106870	AU106870
c 808	8	40.0	50	1	AU106873	AU106873	AU106873
c 809	8	40.0	50	1	AU106876	AU106876	AU106876
c 810	8	40.0	50	1	AU106878	AU106878	AU106878
c 811	8	40.0	50	1	AU107107	AU107107	AU107107
c 812	8	40.0	50	1	AU107110	AU107110	AU107110
c 813	8	40.0	50	1	AU107113	AU107113	AU107113
c 814	8	40.0	50	1	AU107172	AU107172	AU107172
c 815	8	40.0	50	1	AU107403	AU107403	AU107403
c 816	8	40.0	50	1	AU107404	AU107404	AU107404
c 817	8	40.0	50	1	AU107661	AU107661	AU107661
818	8	40.0	50	1	AU107716	AU107716	AU107716
c 819	8	40.0	50	1	AU107741	AU107741	AU107741
820	8	40.0	50	1	AU107891	AU107891	AU107891
821	8	40.0	50	1	AU107892	AU107892	AU107892
822	8	40.0	50	1	AU107905	AU107905	AU107905
c 823	8	40.0	50	1	AU108071	AU108071	AU108071
824	8	40.0	50	1	AU168862	AU168862	AU168862
825	8	40.0	50	1	AA554519	AA554519	nl05a03.s
c 826	8	40.0	50	2	BF685041	BF685041	602143012
c 827	8	40.0	50	4	BI416943	BI416943	hasp002xn

c 828	8	40.0	50	4	BM182676	BM182676	fv60f03.y
c 829	8	40.0	50	5	BX710090	BX710090	
830	8	40.0	50	6	CD682813	CD682813	rj39g05.y
c 831	8	40.0	50	7	CK386679	CK386679	maj90a06.
832	8	40.0	50	8	AF524461	AF524461	
833	8	40.0	50	8	AZ462346	AZ462346	1M0269N05
c 834	8	40.0	50	8	AZ800436	AZ800436	2M0058L20
c 835	8	40.0	50	8	BH853130	BH853130	SALK_0760
c 836	8	40.0	50	8	BH862318	BH862318	SALK_0893
c 837	8	40.0	50	8	BH862319	BH862319	SALK_0893
c 838	8	40.0	50	8	BH890468	BH890468	3526_1_14
c 839	8	40.0	50	8	BH903327	BH903327	SALK_1024
840	8	40.0	50	8	BH903784	BH903784	SALK_1033
841	8	40.0	50	8	BZ291230	BZ291230	SALK_1126
842	8	40.0	50	8	BZ412799	BZ412799	XA022 Bay
843	8	40.0	50	8	CC200165	CC200165	XG323 Bay
844	8	40.0	50	9	BX152705	BX152705	Danio rer
845	8	40.0	50	9	BX892040	BX892040	Arabidops
c 846	8	40.0	50	9	CR023692	CR023692	Forward s
c 847	8	40.0	50	9	CR050597	CR050597	Forward s
c 848	8	40.0	50	9	CR167330	CR167330	Forward s
849	8	40.0	50	9	CR181440	CR181440	Forward s
850	8	40.0	50	9	CR360813	CR360813	Arabidops
851	8	40.0	50	9	TA256F02Q	AL483754	T. brucei
852	8	40.0	50	9	CC883258	CC883258	02S2031-0
c 853	8	40.0	50	9	CG892688	CG892688	01S0617-0
c 854	8	40.0	50	9	CL212022	CL212022	M066A04 G
c 855	8	40.0	51	4	BI789980	BI789980	ic42h03.x
c 856	8	40.0	51	4	BI818533	BI818533	603033052
857	8	40.0	51	4	BJ037387	BJ037387	BJ037387
c 858	8	40.0	51	4	BM125206	BM125206	L0602A06-
859	8	40.0	51	7	CN921998	CN921998	000409AEL
860	8	40.0	51	7	CR435239	CR435239	CR435239
861	8	40.0	51	7	U44307	U44307	ENU44307 As
c 862	8	40.0	51	8	AF149625	AF149625	AF149625
c 863	8	40.0	51	8	AZ314162	AZ314162	1M0030O14
864	8	40.0	51	8	AZ410360	AZ410360	1M0182F09
865	8	40.0	51	8	B00415	B00415	cSRL-111e8-
c 866	8	40.0	51	8	B02531	B02531	cSRL-155D10
867	8	40.0	51	8	B05172	B05172	cSRL-56d6-u
c 868	8	40.0	51	8	BH623038	BH623038	1007085D0
869	8	40.0	51	8	CC050095	CC050095	01S0530-0
870	8	40.0	51	9	AJ596073	AJ596073	Arabidops
871	8	40.0	51	9	BX907964	BX907964	Leishmani
872	8	40.0	51	9	CR023635	CR023635	Forward s
873	8	40.0	51	9	CG705417	CG705417	01S0583-0
c 874	8	40.0	51	9	CG782152	CG782152	1123048H0
875	8	40.0	51	9	CL437426	CL437426	PST5421-N
c 876	8	40.0	52	1	AA024076	AA024076	mh98f03.r
c 877	8	40.0	52	1	AA823097	AA823097	vw40f06.r
c 878	8	40.0	52	1	AA908612	AA908612	og85e11.s
c 879	8	40.0	52	1	AI019286	AI019286	ub22c04.r
880	8	40.0	52	1	AI180755	AI180755	ub91f10.r
881	8	40.0	52	1	AI193286	AI193286	qe57b12.x
882	8	40.0	52	1	AI248880	AI248880	qu73e05.x
c 883	8	40.0	52	1	AI431224	AI431224	sa22c10.y
c 884	8	40.0	52	1	AI640844	AI640844	wa27c01.x
c 885	8	40.0	52	1	AI789896	AI789896	ue63a04.r
c 886	8	40.0	52	1	AA161798	AA161798	mr90g01.r
c 887	8	40.0	52	1	AL881948	AL881948	
888	8	40.0	52	1	AL964681	AL964681	AL964681
c 889	8	40.0	52	2	BE022725	BE022725	sm87f11.y
890	8	40.0	52	2	BE315878	BE315878	NF027E06L
c 891	8	40.0	52	2	BE316857	BE316857	NF067D05L
892	8	40.0	52	2	BE317690	BE317690	NF053E10L
893	8	40.0	52	2	BE318017	BE318017	NF061E07L
894	8	40.0	52	2	BE318864	BE318864	NF003A02L
895	8	40.0	52	2	BE319478	BE319478	NF019C07R
896	8	40.0	52	2	BE322560	BE322560	NF006C04I
897	8	40.0	52	2	BE544929	BE544929	601075070
c 898	8	40.0	52	4	BG121172	BG121172	602350913
c 899	8	40.0	52	4	BG151981	BG151981	nag72c04.
c 900	8	40.0	52	4	BG823044	BG823044	602728067
901	8	40.0	52	4	BM283369	BM283369	ki53b01.y
c 902	8	40.0	52	5	BX678196	BX678196	
c 903	8	40.0	52	7	CR439168	CR439168	CR439168
904	8	40.0	52	8	AZ328705	AZ328705	1M0052A10
c 905	8	40.0	52	8	AZ388340	AZ388340	1M0148J15
c 906	8	40.0	52	8	AZ487919	AZ487919	1M0317E24
c 907	8	40.0	52	8	AZ576051	AZ576051	AST-T24E0
908	8	40.0	52	8	AZ624977	AZ624977	1M0463O21
c 909	8	40.0	52	8	AZ767508	AZ767508	1M0566A17
c 910	8	40.0	52	8	AZ919872	AZ919872	1006017A0
c 911	8	40.0	52	8	BH863717	BH863717	SALK_0944
912	8	40.0	52	8	BZ769458	BZ769458	SALK_1422
913	8	40.0	52	9	BX120627	BX120627	Danio rer
914	8	40.0	52	9	BX661644	BX661644	Arabidops
c 915	8	40.0	52	9	CR005668	CR005668	Forward s
916	8	40.0	52	9	CR026323	CR026323	Forward s
c 917	8	40.0	52	9	CR084770	CR084770	Forward s
918	8	40.0	52	9	CR322981	CR322981	Medicago
919	8	40.0	52	9	CC800398	CC800398	02S0111-0
c 920	8	40.0	52	9	CG713351	CG713351	1119031E0
921	8	40.0	53	1	AI905959	AI905959	IL-BT104-
c 922	8	40.0	53	1	AI906734	AI906734	QV-BT124-
c 923	8	40.0	53	1	AL897787	AL897787	AL897787
c 924	8	40.0	53	1	AV832699	AV832699	AV832699
925	8	40.0	53	1	AA507333	AA507333	nh50c07.s
c 926	8	40.0	53	2	AW057325	AW057325	ca04h10.y
927	8	40.0	53	2	AW693460	AW693460	NF065C04S
928	8	40.0	53	2	BE570711	BE570711	601329063
c 929	8	40.0	53	2	BE906112	BE906112	601497159
930	8	40.0	53	4	BM052387	BM052387	ic98a02.y
c 931	8	40.0	53	4	BM284577	BM284577	ki60f08.y
932	8	40.0	53	5	BQ835290	BQ835290	kk69h11.y
933	8	40.0	53	6	CA966486	CA966486	CcLX06a21
934	8	40.0	53	6	CB297552	CB297552	12B22012_
c 935	8	40.0	53	8	AQ025160	AQ025160	EP(3)1049
c 936	8	40.0	53	8	AZ496056	AZ496056	1M0332H15
c 937	8	40.0	53	8	AZ589307	AZ589307	1M0398M11
938	8	40.0	53	8	AZ591704	AZ591704	1M0401N23
939	8	40.0	53	8	AZ767784	AZ767784	1M0567L17
c 940	8	40.0	53	8	AZ786975	AZ786975	2M0032H10
c 941	8	40.0	53	8	AZ922240	AZ922240	MRCot3C12
c 942	8	40.0	53	9	AG220817	AG220817	Lotus cor
c 943	8	40.0	53	9	AL760915	AL760915	Arabidops
c 944	8	40.0	53	9	BX979943	BX979943	Forward s
c 945	8	40.0	53	9	CR070514	CR070514	Forward s
946	8	40.0	53	9	CR275172	CR275172	Reverse s
c 947	8	40.0	53	9	HSMC33H09	X88141	H.sapiens D
c 948	8	40.0	53	9	CG427829	CG427829	01S0777-0
949	8	40.0	53	9	CG714755	CG714755	1119038B1
950	8	40.0	53	9	CG728173	CG728173	1119098D0
c 951	8	40.0	53	9	CL214846	CL214846	W215C07 G
c 952	8	40.0	53	9	CL529247	CL529247	HIV41G05.
c 953	8	40.0	54	1	AJ653007	AJ653007	AJ653007
954	8	40.0	54	1	AV853764	AV853764	AV853764
c 955	8	40.0	54	2	AW458463	AW458463	sh09e07.y
956	8	40.0	54	5	BQ613602	BQ613602	rd13b05.y
957	8	40.0	54	6	CB278542	CB278542	ru49c03.y
c 958	8	40.0	54	6	CB923229	CB923229	VVD093G09
c 959	8	40.0	54	6	CD240490	CD240490	SaPROT21
c 960	8	40.0	54	7	CN572486	CN572486	rf55f12.x
c 961	8	40.0	54	7	CN870684	CN870684	001205AAO
c 962	8	40.0	54	7	CN930264	CN930264	000322AFB
c 963	8	40.0	54	7	CO780728	CO780728	BL010B_H0
c 964	8	40.0	54	8	BH846266	BH846266	SALK_0069
c 965	8	40.0	54	8	BH849754	BH849754	SALK_0702
c 966	8	40.0	54	8	BH905373	BH905373	SALK_1066
967	8	40.0	54	8	BZ593834	BZ593834	SALK_0821
c 968	8	40.0	54	9	BX535360	BX535360	Arabidops
969	8	40.0	54	9	BX945731	BX945731	Arabidops
970	8	40.0	54	9	CR198501	CR198501	Reverse s
c 971	8	40.0	54	9	CC486064	CC486064	CH240_315
972	8	40.0	54	9	CL663374	CL663374	PRI0144a_
c 973	8	40.0	55	1	AA730931	AA730931	nw50f09.s

974	8	40.0	55	1	AA880624	AA880624 vx41e02.r	1047	8	40.0	57	6	CA798011	CA798011 Cac_BL_52
c 975	8	40.0	55	1	AA927868	AA927868 om18b01.s	c1048	8	40.0	57	6	CD289054	CD289054 8_016.abd
976	8	40.0	55	1	AA976674	AA976674 oq04f06.s	c1049	8	40.0	57	7	CF841952	CF841952 psHB016xO
977	8	40.0	55	1	AI193931	AI193931 qe73c12.x	c1050	8	40.0	57	7	CF843683	CF843683 psHB026xD
978	8	40.0	55	1	AA142590	AA142590 ms10b01.r	c1051	8	40.0	57	7	CF864827	CF864827 psZS013xA
979	8	40.0	55	1	AJ239854	AJ239854 AJ239854	1052	8	40.0	57	7	CK571446	CK571446 est_1_van
980	8	40.0	55	1	AL657386	AL657386 AL657386	1053	8	40.0	57	7	CN756336	CN756336 ID0AAA18B
c 981	8	40.0	55	1	AA262812	AA262812 zs24b03.r	1054	8	40.0	57	7	CO739924	CO739924 S1LB06a25
c 982	8	40.0	55	1	AA277898	AA277898 vc08d12.r	c1055	8	40.0	57	7	CR583982	CR583982 CR583982
c 983	8	40.0	55	1	AA554411	AA554411 nl05f01.s	c1056	8	40.0	57	7	H55330	H55330 CHR220269 C
984	8	40.0	55	1	AA602269	AA602269 np09b09.s	c1057	8	40.0	57	8	AZ922041	AZ922041 HRCot4B10
985	8	40.0	55	2	BE403095	BE403095 GBX002.C0	c1058	8	40.0	57	8	AZ922042	AZ922042 HRCot4B06
c 986	8	40.0	55	4	BI091807	BI091807 602858866	1059	8	40.0	57	8	BH000345	BH000345 2M0288E11
c 987	8	40.0	55	6	CA839315	CA839315 MCT026B07	1060	8	40.0	57	8	BH640370	BH640370 1008035D0
c 988	8	40.0	55	7	CF353898	CF353898 lab70a10.	c1061	8	40.0	57	8	BH848439	BH848439 SALK_0682
c 989	8	40.0	55	7	R84641	R84641 yq26e08.r1	c1062	8	40.0	57	8	BH864081	BH864081 SALK_0952
990	8	40.0	55	8	AZ829667	AZ829667 2M0107O17	c1063	8	40.0	57	8	BH902184	BH902184 SALK_0914
991	8	40.0	55	8	BH610017	BH610017 KG00207 D	c1064	8	40.0	57	8	BH910469	BH910469 SALK_0598
c 992	8	40.0	55	8	BH634831	BH634831 1008001A0	c1065	8	40.0	57	9	BX004056	BX004056 Arabidops
993	8	40.0	55	8	BH862304	BH862304 SALK_0893	c1066	8	40.0	57	9	CR161267	CR161267 Reverse s
994	8	40.0	55	8	BZ380609	BZ380609 SALK_1153	c1067	8	40.0	57	9	TA184E08P	AL474749 T. brucei
c 995	8	40.0	55	9	AG202973	AG202973 Pan trogl	1068	8	40.0	57	9	CC520875	CC520875 CH240_368
c 996	8	40.0	55	9	AL941407	AL941407 Arabidops	1069	8	40.0	57	9	CC533581	CC533581 CH240_411
c 997	8	40.0	55	9	AL947617	AL947617 Arabidops	1070	8	40.0	57	9	CG411008	CG411008 RM311_Lxx
998	8	40.0	55	9	BX653677	BX653677 Arabidops	1071	8	40.0	57	9	CG717987	CG717987 1119051B0
c 999	8	40.0	55	9	BX659778	BX659778 Arabidops	1072	8	40.0	57	9	CG724325	CG724325 1119080F1
1000	8	40.0	55	9	BX894118	BX894118 Arabidops	1073	8	40.0	57	9	CG776060	CG776060 1123008B1
c1001	8	40.0	55	9	CR042592	CR042592 Forward s	c1074	8	40.0	57	9	CL607474	CL607474 CH240_173
1002	8	40.0	55	9	CR170440	CR170440 Reverse s	1075	8	40.0	57	9	CW020535	CW020535 GC0805 TI
c1003	8	40.0	55	9	CR399706	CR399706 Arabidops	1076	8	40.0	58	1	AA663265	AA663265 ab80f10.s
c1004	8	40.0	55	9	CC568552	CC568552 CH240_443	c1077	8	40.0	58	1	AA663265	AA663265 ab80f10.s
1005	8	40.0	55	9	CG717857	CG717857 1119050E0	1078	8	40.0	58	1	AA857578	AA857578 of64f12.s
1006	8	40.0	55	9	CG718019	CG718019 1119051C0	1079	8	40.0	58	1	AI203330	AI203330 qr29h10.x
1007	8	40.0	55	9	CG725372	CG725372 1119085B0	c1080	8	40.0	58	1	AI281664	AI281664 qu79b01.x
c1008	8	40.0	56	1	AA896457	AA896457 vx63b02.r	1081	8	40.0	58	1	AI943342	AI943342 fc79a01.y
1009	8	40.0	56	1	AI197642	AI197642 ue46b05.r	1082	8	40.0	58	1	AL800222	AL800222 AL800222
1010	8	40.0	56	1	AJ670337	AJ670337 AJ670337	c1083	8	40.0	58	1	AA518476	AA518476 vi01a06.r
c1011	8	40.0	56	1	AU251327	AU251327 AU251327	1084	8	40.0	58	1	AA581275	AA581275 nd43a01.s
c1012	8	40.0	56	1	AU257979	AU257979 AU257979	1085	8	40.0	58	2	BF465143	BF465143 UI-M-CG0p
1013	8	40.0	56	2	AW118371	AW118371 xe77a05.x	1086	8	40.0	58	2	BF650199	BF650199 NF086D10E
1014	8	40.0	56	2	BE293897	BE293897 601173045	1087	8	40.0	58	2	BE333901	BE333901 us44c08.x
1015	8	40.0	56	3	CNS08ZA0	BX035140 Single re	c1088	8	40.0	58	2	BE786385	BE786385 601474566
1016	8	40.0	56	4	BG099096	BG099096 nag46e05.	c1089	8	40.0	58	2	BE870356	BE870356 601447523
1017	8	40.0	56	4	BI247377	BI247377 602960268	1090	8	40.0	58	7	CK222408	CK222408 701936824
1018	8	40.0	56	4	BI783309	BI783309 kh18b01.y	1091	8	40.0	58	7	CO777746	CO777746 BL001D_G1
1019	8	40.0	56	7	CV511081	CV511081 kc66g12.y	1092	8	40.0	58	7	CR578532	CR578532 CR578532
1020	8	40.0	56	7	H42612	H42612 yp13d08.r1	c1093	8	40.0	58	7	R34882	R34882 yg59a04.r1
c1021	8	40.0	56	7	N91795	N91795 zb51g10.s1	1094	8	40.0	58	7	T53458	T53458 ya89c08.s1
1022	8	40.0	56	8	AZ665719	AZ665719 1M0547L17	1095	8	40.0	58	7	T54438	T54438 yb06e10.r2
1023	8	40.0	56	8	B02388	B02388 cSRL-152F3-	1096	8	40.0	58	7	T61500	T61500 yb73c02.s1
c1024	8	40.0	56	8	BH906993	BH906993 SALK_0372	c1097	8	40.0	58	8	AZ470665	AZ470665 1M0284C22
c1025	8	40.0	56	8	BZ583553	BZ583553 3590_1_51	c1098	8	40.0	58	8	AZ785040	AZ785040 2M0028K02
1026	8	40.0	56	8	BZ593248	BZ593248 SALK_0682	c1099	8	40.0	58	8	AZ789552	AZ789552 2M0037L24
c1027	8	40.0	56	8	BZ663709	BZ663709 SALK_0273	c1100	8	40.0	58	8	AZ793543	AZ793543 2M0046D21
1028	8	40.0	56	8	BZ664401	BZ664401 SALK_0709	c1101	8	40.0	58	8	AZ794322	AZ794322 2M0048K05
c1029	8	40.0	56	9	AJ599944	AJ599944 Arabidops	1102	8	40.0	58	8	AZ800650	AZ800650 2M0058I13
1030	8	40.0	56	9	AL761694	AL761694 Arabidops	c1103	8	40.0	58	8	AZ817219	AZ817219 2M0086M19
1031	8	40.0	56	9	BX949980	BX949980 Arabidops	1104	8	40.0	58	8	AZ917518	AZ917518 1006001E0
1032	8	40.0	56	9	CR023110	CR023110 Forward s	1105	8	40.0	58	8	AZ980515	AZ980515 2M0257O05
c1033	8	40.0	56	9	CR073497	CR073497 Forward s	1106	8	40.0	58	8	BH856599	BH856599 SALK_0794
1034	8	40.0	56	9	CR238490	CR238490 Reverse s	c1107	8	40.0	58	8	BZ584899	BZ584899 3590_1_61
c1035	8	40.0	56	9	HSMC02B06	X88506 H.sapiens D	c1108	8	40.0	58	8	BZ662774	BZ662774 SALK_0262
1036	8	40.0	56	9	CC799952	CC799952 01S0783-0	1109	8	40.0	58	8	CC057365	CC057365 SALK_1409
1037	8	40.0	56	9	CG426441	CG426441 01S0586-0	c1110	8	40.0	58	8	CC156188	CC156188 Ex525 Bay
c1038	8	40.0	56	9	CG734023	CG734023 1119161G0	c1111	8	40.0	58	8	CC156472	CC156472 LST077 Ba
c1039	8	40.0	56	9	CL525314	CL525314 AN1103 Sa	c1112	8	40.0	58	8	CC199808	CC199808 RRD176 Ba
1040	8	40.0	56	9	CL528764	CL528764 ASV9A03.f	1113	8	40.0	58	8	CC456228	CC456228 SALK_0941
c1041	8	40.0	57	1	AI173103	AI173103 uh98g03.r	c1114	8	40.0	58	9	AG020751	AG020751 Oryza sat
c1042	8	40.0	57	1	AA200561	AA200561 mu34g07.r	1115	8	40.0	58	9	AG195309	AG195309 Pan trogl
1043	8	40.0	57	1	AA422578	AA422578 vf15a05.s	1116	8	40.0	58	9	BX131950	BX131950 Danio rer
c1044	8	40.0	57	2	AW638981	AW638981 bl77b07.w	c1117	8	40.0	58	9	BX650289	BX650289 Arabidops
1045	8	40.0	57	4	BI831477	BI831477 603074583	1118	8	40.0	58	9	BX890772	BX890772 Arabidops
c1046	8	40.0	57	5	BQ256702	BQ256702 NISC_ko05	1119	8	40.0	58	9	BX891461	BX891461 Arabidops

1120	8	40.0	58	9	CNS03EDF	AL240252	Tetraodon
1121	8	40.0	58	9	CR055734	CR055734	Forward s
1122	8	40.0	58	9	CR150324	CR150324	Reverse s
1123	8	40.0	58	9	CR236166	CR236166	Forward s
1124	8	40.0	58	9	CR266173	CR266173	Reverse s
1125	8	40.0	58	9	TA105C10P	AL464731	T. brucei
c1126	8	40.0	58	9	CC794981	CC794981	SALK_0603
1127	8	40.0	58	9	CG712889	CG712889	1119029E1
c1128	8	40.0	59	1	AA862784	AA862784	oh41b06.s
1129	8	40.0	59	1	AA905170	AA905170	ok06c11.s
c1130	8	40.0	59	1	AA954437	AA954437	on85e05.s
c1131	8	40.0	59	1	AI364589	AI364589	qw37h12.x
c1132	8	40.0	59	1	AI923129	AI923129	wn83h12.x
c1133	8	40.0	59	1	AJ666398	AJ666398	
1134	8	40.0	59	1	AU007045	AU007045	AU007045
1135	8	40.0	59	1	AA510258	AA510258	vh58b07.r
c1136	8	40.0	59	2	BF507174	BF507174	2604P-21
c1137	8	40.0	59	2	AW117692	AW117692	xe34d09.x
1138	8	40.0	59	5	BP070239	BP070239	BP070239
c1139	8	40.0	59	5	BX622555	BX622555	BX622555
c1140	8	40.0	59	6	CA850384	CA850384	kl27f07.y
1141	8	40.0	59	6	CB280959	CB280959	jaa05h02.
c1142	8	40.0	59	7	CK618385	CK618385	mk09c06.y
c1143	8	40.0	59	7	CN753125	CN753125	ApHL3LD-X
c1144	8	40.0	59	7	CO743223	CO743223	TgESTzyq3
c1145	8	40.0	59	8	AZ330569	AZ330569	1M0056D02
1146	8	40.0	59	8	AZ397923	AZ397923	1M0163C11
c1147	8	40.0	59	8	AZ609507	AZ609507	1M0434O23
1148	8	40.0	59	8	AZ820113	AZ820113	2M0092D11
c1149	8	40.0	59	8	BH789276	BH789276	SALK_0014
c1150	8	40.0	59	8	BH864394	BH864394	SALK_0959
1151	8	40.0	59	9	AL754691	AL754691	Arabidops
c1152	8	40.0	59	9	AL755028	AL755028	Arabidops
1153	8	40.0	59	9	BX891291	BX891291	Arabidops
1154	8	40.0	59	9	CNS07HHR	AL611073	Anopheles
c1155	8	40.0	59	9	CC528598	CC528598	CH240_404
1156	8	40.0	59	9	CG726448	CG726448	1119090B0
1157	8	40.0	59	9	CG772859	CG772859	1123012E0
1158	8	40.0	59	9	CG776339	CG776339	1123001C0
c1159	8	40.0	59	9	CL212131	CL212131	G032B06 G
1160	8	40.0	59	9	CL265544	CL265544	01S0714-0
c1161	8	40.0	59	9	CL519174	CL519174	DAF8D10 F
c1162	8	40.0	60	1	AI272386	AI272386	ap61b06.x
c1163	8	40.0	60	1	AI965589	AI965589	sc74b04.y
c1164	8	40.0	60	1	AA174457	AA174457	mt09f10.r
1165	8	40.0	60	2	BF466540	BF466540	UI-M-CG0p
1166	8	40.0	60	2	BF638159	BF638159	NF044F10P
c1167	8	40.0	60	2	AW690527	AW690527	NF035F02S
1168	8	40.0	60	2	BE317271	BE317271	NF058C01L
1169	8	40.0	60	2	BE317542	BE317542	NF051C01L
c1170	8	40.0	60	2	BE319134	BE319134	NF044H04L
c1171	8	40.0	60	2	BE545540	BE545540	601070396
1172	8	40.0	60	4	BG831452	BG831452	602766379
c1173	8	40.0	60	6	C00950	C00950	HUMGS000329
1174	8	40.0	60	6	CA341403	CA341403	pk17d10.x
1175	8	40.0	60	6	CA797190	CA797190	Cac_BL_42
c1176	8	40.0	60	6	CD840274	CD840274	RFO2.118K
c1177	8	40.0	60	6	CD927203	CD927203	GR45.101E
c1178	8	40.0	60	6	CD940461	CD940461	RAN_124 G
1179	8	40.0	60	6	CD952940	CD952940	SBF_142 G
c1180	8	40.0	60	7	CN587916	CN587916	TTE000050
1181	8	40.0	60	7	CN751943	CN751943	ApHL3SD-X
1182	8	40.0	60	7	R97071	R97071	yq58c01.s1
c1183	8	40.0	60	7	U44159	U44159	ENU44159 As
1184	8	40.0	60	8	AZ449902	AZ449902	1M0248E24
1185	8	40.0	60	8	AZ579972	AZ579972	1M0368F04
c1186	8	40.0	60	8	AZ643851	AZ643851	1M0507I01
c1187	8	40.0	60	8	AZ839357	AZ839357	2M0135M22
c1188	8	40.0	60	8	B34736	B34736	HS-1025-A2-
1189	8	40.0	60	8	BH216257	BH216257	1006041E0
c1190	8	40.0	60	8	BH225808	BH225808	1006128E0
1191	8	40.0	60	8	BH814494	BH814494	SALK_0665
c1192	8	40.0	60	8	BH848689	BH848689	SALK_0687
1193	8	40.0	60	8	BH854588	BH854588	KG06046-3
1194	8	40.0	60	8	BZ590282	BZ590282	3590_1_75
c1195	8	40.0	60	8	BZ767575	BZ767575	SALK_1390
1196	8	40.0	60	9	AJ591597	AJ591597	Arabidops
c1197	8	40.0	60	9	AL766113	AL766113	Arabidops
1198	8	40.0	60	9	AL947391	AL947391	Arabidops
1199	8	40.0	60	9	BX892060	BX892060	Arabidops
c1200	8	40.0	60	9	BX988967	BX988967	Forward s
c1201	8	40.0	60	9	CNS02O4G	AL206233	Tetraodon
1202	8	40.0	60	9	CR066878	CR066878	Reverse s
1203	8	40.0	60	9	CR077201	CR077201	Reverse s
c1204	8	40.0	60	9	CR139588	CR139588	Reverse s
1205	8	40.0	60	9	CR229257	CR229257	Forward s
1206	8	40.0	60	9	CR277166	CR277166	Reverse s
c1207	8	40.0	60	9	DME547026	AJ547026	Drosophil
c1208	8	40.0	60	9	CC799435	CC799435	01S0473-0
1209	8	40.0	60	9	CL215487	CL215487	W239C07 G
1210	8	40.0	60	9	CL523495	CL523495	DAL3D05 F
c1211	8	40.0	60	9	CL639394	CL639394	P056C05 G
1212	8	40.0	60	9	CL639728	CL639728	Q015A06 G
1213	8	40.0	60	9	CL878897	CL878897	abf27f03.
1214	7	35.0	10	9	AJ591555	AJ591555	Arabidops
1215	7	35.0	14	5	BQ593095	BQ593095	S015530-0
1216	7	35.0	15	1	AJ682954	AJ682954	AJ682954
1217	7	35.0	16	1	AA881100	AA881100	vz06d08.r
c1218	7	35.0	17	6	CD533040	CD533040	29N7 Arab
1219	7	35.0	17	9	AJ600606	AJ600606	Arabidops
c1220	7	35.0	17	9	CL436162	CL436162	PST2437-N
1221	7	35.0	18	6	CD530428	CD530428	06D22 Ara
1222	7	35.0	19	1	AI318366	AI318366	qo53b01.x
1223	7	35.0	19	1	AI597783	AI597783	tr92g04.x
1224	7	35.0	19	1	AI683556	AI683556	tx67h08.x
c1225	7	35.0	19	1	AJ671616	AJ671616	AJ671616
1226	7	35.0	19	8	AZ333175	AZ333175	1M0062C07
1227	7	35.0	19	8	AZ371083	AZ371083	1M0122C01
c1228	7	35.0	19	8	AZ413276	AZ413276	1M0197L07
1229	7	35.0	19	8	AZ426075	AZ426075	1M0206N21
1230	7	35.0	19	8	AZ441505	AZ441505	1M0233M13
c1231	7	35.0	19	8	AZ485264	AZ485264	1M0312O02
1232	7	35.0	19	8	AZ581163	AZ581163	1M0369M20
1233	7	35.0	19	8	AZ655868	AZ655868	1M0531N04
1234	7	35.0	19	8	AZ769047	AZ769047	1M0569P15
c1235	7	35.0	19	8	AZ786308	AZ786308	2M0031B17
c1236	7	35.0	19	8	AZ806283	AZ806283	2M0068A16
1237	7	35.0	19	9	CL663550	CL663550	PRI0144c_
1238	7	35.0	19	9	CL680494	CL680494	PRI0129b_
1239	7	35.0	20	1	AJ789573	AJ789573	AJ789573
1240	7	35.0	20	1	AU255401	AU255401	AU255401
1241	7	35.0	20	1	AU257355	AU257355	AU257355
c1242	7	35.0	20	7	CO779101	CO779101	BL005C_F0
1243	7	35.0	20	7	D45829	D45829	HUMGS03050
1244	7	35.0	20	8	AZ346702	AZ346702	1M0082L01
1245	7	35.0	20	8	AZ419933	AZ419933	1M0196H07
1246	7	35.0	20	8	AZ579532	AZ579532	1M0367H10
1247	7	35.0	20	8	AZ589990	AZ589990	1M0399O16
1248	7	35.0	20	8	AZ597307	AZ597307	1M0410N24
1249	7	35.0	20	8	AZ641695	AZ641695	1M0504E22
c1250	7	35.0	20	8	AZ784073	AZ784073	2M0026B06
c1251	7	35.0	20	8	AZ796553	AZ796553	2M0052P15
c1252	7	35.0	20	8	AZ798282	AZ798282	2M0055H05
1253	7	35.0	20	8	AZ835099	AZ835099	2M0129I07
1254	7	35.0	20	9	AG191409	AG191409	Pan trogl
1255	7	35.0	20	9	AG197503	AG197503	Pan trogl
c1256	7	35.0	20	9	CL670021	CL670021	PRI0161a_
c1257	7	35.0	20	9	CL680205	CL680205	PRI0128a_
1258	7	35.0	21	1	AJ662932	AJ662932	AJ662932
c1259	7	35.0	21	1	AJ666286	AJ666286	AJ666286
1260	7	35.0	21	1	AJ798892	AJ798892	AJ798892
1261	7	35.0	21	1	AU256271	AU256271	AU256271
c1262	7	35.0	21	7	CF310475	CF310475	ABF--05-C
1263	7	35.0	21	8	AZ342282	AZ342282	1M0075H14
c1264	7	35.0	21	8	AZ435931	AZ435931	1M0223L15
c1265	7	35.0	21	8	AZ453408	AZ453408	1M0254H12

1266	7	35.0	21	8	AZ589904	AZ589904 1M0399K11
1267	7	35.0	21	8	AZ598000	AZ598000 1M0412F01
c1268	7	35.0	21	8	AZ643326	AZ643326 1M0506C18
1269	7	35.0	21	8	AZ766315	AZ766315 1M0563K14
c1270	7	35.0	21	8	AZ806440	AZ806440 2M0068B05
c1271	7	35.0	21	9	TA36F02P	AL453658 T. brucei
c1272	7	35.0	21	9	CL668683	CL668683 PRI0158b_
1273	7	35.0	22	1	AA894572	AA894572 of91g02.s
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1275	7	35.0	22	1	AA935965	AA935965 ny30g07.s
c1276	7	35.0	22	1	AI128425	AI128425 qc67f09.x
1277	7	35.0	22	1	AI540635	AI540635 tn89a04.x
1278	7	35.0	22	2	AW059920	AW059920 LF10e08.y
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c1280	7	35.0	22	7	CF308018	CF308018 ABF--01-K
c1281	7	35.0	22	7	CO790120	CO790120 NT008D_D0
1282	7	35.0	22	7	D21051	D21051 HUMGS02036
1283	7	35.0	22	8	AZ345486	AZ345486 1M0080C04
1284	7	35.0	22	8	AZ345846	AZ345846 1M0080B18
1285	7	35.0	22	8	AZ392578	AZ392578 1M0155F13
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c1287	7	35.0	22	8	AZ762337	AZ762337 1M0557P13
c1288	7	35.0	22	8	AZ778032	AZ778032 2M0013A11
1289	7	35.0	22	8	AZ795491	AZ795491 2M0049E15
c1290	7	35.0	22	8	AZ829430	AZ829430 2M0107A09
c1291	7	35.0	22	8	AZ873093	AZ873093 2M0186N09
c1292	7	35.0	22	8	AZ980990	AZ980990 2M0258F17
c1293	7	35.0	22	9	TA118G01P	AL463734 T. brucei
1294	7	35.0	22	9	TA207D04P	AL476704 T. brucei
1295	7	35.0	22	9	CL666734	CL666734 PRI0153b_
1296	7	35.0	23	1	AJ663405	AJ663405 AJ663405
c1297	7	35.0	23	1	AJ797058	AJ797058 AJ797058
c1298	7	35.0	23	2	AW246048	AW246048 2821455.5
c1299	7	35.0	23	4	BG924553	BG924553 HNC27-1-H
c1300	7	35.0	23	7	CF317076	CF317076 HD--06-K0
1301	7	35.0	23	8	AZ345534	AZ345534 1M0080O04
1302	7	35.0	23	8	AZ345552	AZ345552 1M0080E15
1303	7	35.0	23	8	AZ606522	AZ606522 1M0428B21
1304	7	35.0	23	8	AZ634674	AZ634674 1M0490A11
c1305	7	35.0	23	8	AZ654389	AZ654389 1M0528H06
1306	7	35.0	23	8	AZ767581	AZ767581 1M0566A19
c1307	7	35.0	23	8	AZ768060	AZ768060 1M0567P13
1308	7	35.0	23	8	AZ816405	AZ816405 2M0085F10
1309	7	35.0	23	8	AZ822792	AZ822792 2M0096O15
1310	7	35.0	23	8	AZ837430	AZ837430 2M0132N11
1311	7	35.0	23	8	AZ858813	AZ858813 2M0164H10
c1312	7	35.0	23	8	AZ970753	AZ970753 2M0244E01
1313	7	35.0	23	9	TA101C01Q	AL459910 T. brucei
1314	7	35.0	23	9	TA121H10Q	AL463056 T. brucei
c1315	7	35.0	23	9	TA369A11Q	AL496025 T. brucei
c1316	7	35.0	23	9	TA87A08P	AL461201 T. brucei
1317	7	35.0	23	9	CL437670	CL437670 PST6068-N
1318	7	35.0	23	9	CL668824	CL668824 PRI0158d_
c1319	7	35.0	24	4	BM399015	BM399015 5009-0-51
1320	7	35.0	24	5	BQ594381	BQ594381 S015245-0
c1321	7	35.0	24	7	CF300572	CF300572 7LEAF--05
c1322	7	35.0	24	7	CF301858	CF301858 7LEAF--06
c1323	7	35.0	24	7	CF312954	CF312954 ABF--08-O
c1324	7	35.0	24	8	AZ307299	AZ307299 1M0008D23
c1325	7	35.0	24	8	AZ436243	AZ436243 1M0233I20
1326	7	35.0	24	8	AZ468735	AZ468735 1M0281I14
1327	7	35.0	24	8	AZ488765	AZ488765 1M0319P08
c1328	7	35.0	24	8	AZ610453	AZ610453 1M0435D14
c1329	7	35.0	24	8	AZ804114	AZ804114 2M0064A20
c1330	7	35.0	24	8	AZ805942	AZ805942 2M0067B10
c1331	7	35.0	24	8	AZ817941	AZ817941 2M0087M09
c1332	7	35.0	24	9	AG202658	AG202658 Pan trogl
1333	7	35.0	24	9	AJ599243	AJ599243 Arabidops
1334	7	35.0	24	9	TA256H01Q	AL483772 T. brucei
c1335	7	35.0	24	9	CL437171	CL437171 PST4631-N
c1336	7	35.0	25	1	AA765103	AA765103 nz61a10.s
1337	7	35.0	25	1	AA958535	AA958535 ua14d04.r
1338	7	35.0	25	1	AI643068	AI643068 mo96g04.x
1339	7	35.0	25	1	AU255069	AU255069 AU255069
c1340	7	35.0	25	1	AA565870	AA565870 nj32f03.s
c1341	7	35.0	25	4	BM400178	BM400178 5009-0-68
c1342	7	35.0	25	7	CF295890	CF295890 30DGS--06
c1343	7	35.0	25	7	CF296576	CF296576 30DGS--07
1344	7	35.0	25	7	CF299810	CF299810 7LEAF--03
c1345	7	35.0	25	7	CF310536	CF310536 ABF--05-D
1346	7	35.0	25	7	D21049	D21049 HUMGS02034
1347	7	35.0	25	7	H57743	H57743 yr21d11.r1
c1348	7	35.0	25	7	L32035	L32035 HUMXP161B H
c1349	7	35.0	25	7	L32049	L32049 HUMXP428A H
c1350	7	35.0	25	7	L32056	L32056 HUMXP664B H
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1352	7	35.0	25	8	AZ451663	AZ451663 1M0251H08
c1353	7	35.0	25	8	AZ471181	AZ471181 1M0285H11
1354	7	35.0	25	8	AZ483180	AZ483180 1M0308M07
c1355	7	35.0	25	8	AZ513486	AZ513486 1M0359A04
c1356	7	35.0	25	8	AZ620092	AZ620092 1M0452J07
c1357	7	35.0	25	8	AZ632343	AZ632343 1M0486K22
c1358	7	35.0	25	8	AZ774671	AZ774671 2M0004N11
1359	7	35.0	25	8	AZ962030	AZ962030 2M0230M12
1360	7	35.0	25	8	BH789422	BH789422 SALK_0293
1361	7	35.0	25	8	BZ354971	BZ354971 SALK_1261
1362	7	35.0	25	9	TA263F03Q	AL488115 T. brucei
1363	7	35.0	25	9	TA66H02P	AL458345 T. brucei
1364	7	35.0	25	9	CL528094	CL528094 EY08257-3
c1365	7	35.0	26	1	AJ648268	AJ648268 AJ648268
c1366	7	35.0	26	1	AU255873	AU255873 AU255873
1367	7	35.0	26	1	AU258271	AU258271 AU258271
1368	7	35.0	26	6	CB221471	CB221471 1Duo13A05
c1369	7	35.0	26	7	CF281622	CF281622 14ETL--08
c1370	7	35.0	26	7	CF282238	CF282238 14ETL--09
c1371	7	35.0	26	7	R32032	R32032 yh63f05.s1
1372	7	35.0	26	7	T97446	T97446 ye57g03.r1
1373	7	35.0	26	8	AZ310304	AZ310304 1M0025P11
c1374	7	35.0	26	8	AZ312776	AZ312776 1M0028N08
c1375	7	35.0	26	8	AZ390118	AZ390118 1M0151L18
1376	7	35.0	26	8	AZ416366	AZ416366 1M0191N06
c1377	7	35.0	26	8	AZ450417	AZ450417 1M0249F04
c1378	7	35.0	26	8	AZ455706	AZ455706 1M0258M11
1379	7	35.0	26	8	AZ469300	AZ469300 1M0282A15
1380	7	35.0	26	8	AZ478344	AZ478344 1M0298A22
1381	7	35.0	26	8	AZ493344	AZ493344 1M0328A04
c1382	7	35.0	26	8	AZ623844	AZ623844 1M0461N21
c1383	7	35.0	26	8	AZ768557	AZ768557 1M0568B04
1384	7	35.0	26	8	AZ778168	AZ778168 2M0013B22
1385	7	35.0	26	8	AZ799780	AZ799780 2M0057K20
c1386	7	35.0	26	8	AZ799780	AZ799780 2M0057K20
1387	7	35.0	26	8	AZ994586	AZ994586 2M0280B08
1388	7	35.0	26	8	BH852740	BH852740 SALK_0755
1389	7	35.0	26	8	BZ380296	BZ380296 SALK_1149
1390	7	35.0	26	9	AG197964	AG197964 Pan trogl
1391	7	35.0	26	9	AJ597058	AJ597058 Arabidops
c1392	7	35.0	26	9	AJ597974	AJ597974 Arabidops
1393	7	35.0	26	9	TA333F05P	AL491752 T. brucei
c1394	7	35.0	26	9	CG731752	CG731752 1119143B1
1395	7	35.0	26	9	CW020366	CW020366 GC0625 TI
c1396	7	35.0	27	1	AJ650480	AJ650480 AJ650480
1397	7	35.0	27	1	AJ674038	AJ674038 AJ674038
c1398	7	35.0	27	1	AJ796468	AJ796468 AJ796468
c1399	7	35.0	27	1	AU007031	AU007031 AU007031
c1400	7	35.0	27	2	AW250359	AW250359 2822071.5
c1401	7	35.0	27	7	CF281586	CF281586 14ETL--08
c1402	7	35.0	27	7	CF297228	CF297228 30DGS--07
c1403	7	35.0	27	7	CF330367	CF330367 NACL--06-
1404	7	35.0	27	8	AZ443035	AZ443035 1M0237G06
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c1406	7	35.0	27	8	AZ765547	AZ765547 1M0562L21
1407	7	35.0	27	8	AZ766232	AZ766232 1M0563F11
1408	7	35.0	27	8	AZ794078	AZ794078 2M0047M09
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c1410	7	35.0	27	8	BH792557	BH792557 SALK_0647
c1411	7	35.0	27	8	BH852698	BH852698 SALK_0754

c1412	7	35.0	27	8	BH857744	BH857744 SALK_0157
1413	7	35.0	27	9	TA123F07P	AL463076 T. brucei
1414	7	35.0	27	9	TA90B05P	AL465295 T. brucei
c1415	7	35.0	27	9	CC797341	CC797341 SALK_1447
1416	7	35.0	27	9	CG728385	CG728385 1119100A1
1417	7	35.0	27	9	CL680176	CL680176 PRI0128a_
c1418	7	35.0	28	1	AA865969	AA865969 oh52b07.s
1419	7	35.0	28	1	AA877007	AA877007 ny49h08.s
c1420	7	35.0	28	1	AI052223	AI052223 oz21a01.x
c1421	7	35.0	28	1	AI128873	AI128873 qf16g09.s
c1422	7	35.0	28	1	AI180766	AI180766 ub76a11.r
c1423	7	35.0	28	1	AI256473	AI256473 ui86g06.x
1424	7	35.0	28	1	AI357341	AI357341 qy12e10.x
c1425	7	35.0	28	1	AI376409	AI376409 tc29g03.x
1426	7	35.0	28	1	AI445347	AI445347 tj19b11.x
1427	7	35.0	28	1	AI573848	AI573848 uj17a12.x
c1428	7	35.0	28	1	AI699660	AI699660 we58h01.x
c1429	7	35.0	28	1	AJ646931	AJ646931 AJ646931
1430	7	35.0	28	1	AJ666229	AJ666229 AJ666229
1431	7	35.0	28	4	BM394017	BM394017 50072-2-1
c1432	7	35.0	28	7	CF282008	CF282008 14ETL--09
c1433	7	35.0	28	7	CF310975	CF310975 ABF--05-P
1434	7	35.0	28	7	D19148	D19148 MUSGS01370
c1435	7	35.0	28	8	AQ025025	AQ025025 EP(2)1081
1436	7	35.0	28	8	AZ307173	AZ307173 1M0008N03
1437	7	35.0	28	8	AZ345626	AZ345626 1M0080G19
c1438	7	35.0	28	8	AZ352539	AZ352539 1M0090J21
1439	7	35.0	28	8	AZ369525	AZ369525 1M0120I10
1440	7	35.0	28	8	AZ461659	AZ461659 1M0267D11
c1441	7	35.0	28	8	AZ495624	AZ495624 1M0331O03
c1442	7	35.0	28	8	AZ583628	AZ583628 1M0378H09
1443	7	35.0	28	8	AZ591936	AZ591936 1M0402J20
c1444	7	35.0	28	8	AZ593198	AZ593198 1M0404A08
c1445	7	35.0	28	8	AZ614443	AZ614443 1M0443F15
1446	7	35.0	28	8	AZ819174	AZ819174 2M0089H09
c1447	7	35.0	28	8	AZ827062	AZ827062 2M0103G13
c1448	7	35.0	28	8	AZ832100	AZ832100 2M0112G14
c1449	7	35.0	28	8	AZ956355	AZ956355 2M0222K13
1450	7	35.0	28	8	BZ597089	BZ597089 SALK_0994
1451	7	35.0	28	9	AG195067	AG195067 Pan trogl
1452	7	35.0	28	9	AG195831	AG195831 Pan trogl
c1453	7	35.0	28	9	AG202076	AG202076 Pan trogl
1454	7	35.0	28	9	DME546620	AJ546620 Drosophil
1455	7	35.0	28	9	TA112A08P	AL461596 T. brucei
1456	7	35.0	28	9	TA146D10P	AL474370 T. brucei
c1457	7	35.0	28	9	CC884334	CC884334 SALK_1045
1458	7	35.0	28	9	CC887315	CC887315 SALK_1499
1459	7	35.0	28	9	CG715337	CG715337 1119041B0
c1460	7	35.0	28	9	CG717699	CG717699 1119049G0
1461	7	35.0	29	1	AJ673541	AJ673541 AJ673541
c1462	7	35.0	29	1	AU257123	AU257123 AU257123
c1463	7	35.0	29	7	CF298165	CF298165 7LEAF--01
c1464	7	35.0	29	7	CF333708	CF333708 JMT--02-L
c1465	7	35.0	29	8	AZ307046	AZ307046 1M0008E24
1466	7	35.0	29	8	AZ319358	AZ319358 1M0038J21
1467	7	35.0	29	8	AZ324774	AZ324774 1M0046C23
c1468	7	35.0	29	8	AZ626471	AZ626471 1M0466D14
c1469	7	35.0	29	8	AZ651322	AZ651322 1M0521P20
c1470	7	35.0	29	8	AZ762309	AZ762309 1M0557E08
1471	7	35.0	29	8	AZ762356	AZ762356 1M0557D23
1472	7	35.0	29	8	AZ776730	AZ776730 2M0010D10
1473	7	35.0	29	8	AZ804052	AZ804052 2M0064D14
1474	7	35.0	29	8	AZ804299	AZ804299 2M0065B17
1475	7	35.0	29	8	AZ836113	AZ836113 2M0130E17
c1476	7	35.0	29	8	AZ851520	AZ851520 2M0153J18
1477	7	35.0	29	8	BH853416	BH853416 SALK_0769
1478	7	35.0	29	8	BH911773	BH911773 SALK_0720
1479	7	35.0	29	8	BZ354476	BZ354476 SALK_1251
1480	7	35.0	29	8	BZ383215	BZ383215 SALK_1252
c1481	7	35.0	29	8	CC457201	CC457201 SALK_1072
1482	7	35.0	29	8	CC458236	CC458236 SALK_1173
1483	7	35.0	29	9	AG190708	AG190708 Pan trogl
1484	7	35.0	29	9	AG194460	AG194460 Pan trogl
1485	7	35.0	29	9	CC794717	CC794717 SALK_0547
c1486	7	35.0	29	9	CG718745	CG718745 1119054C1
1487	7	35.0	29	9	CL660557	CL660557 PRI0137b_
1488	7	35.0	30	1	AJ655500	AJ655500 AJ655500
1489	7	35.0	30	1	AV860533	AV860533 AV860533
c1490	7	35.0	30	4	BI521544	BI521544 603081368
c1491	7	35.0	30	4	BM393952	BM393952 50072-2-1
1492	7	35.0	30	6	CA853847	CA853847 B13A01.se
c1493	7	35.0	30	6	CD530134	CD530134 39M16 Ara
1494	7	35.0	30	7	CF324784	CF324784 JMT1--01-
1495	7	35.0	30	7	CF929946	CF929946 CF-02-R-C
1496	7	35.0	30	7	CO793467	CO793467 NT017D_F0
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1498	7	35.0	30	8	AZ398029	AZ398029 1M0163G15
1499	7	35.0	30	8	AZ416802	AZ416802 1M0192N11
1500	7	35.0	30	8	AZ434231	AZ434231 1M0220H03
c1501	7	35.0	30	8	AZ437578	AZ437578 1M0225I24
1502	7	35.0	30	8	AZ447206	AZ447206 1M0244J07
c1503	7	35.0	30	8	AZ474193	AZ474193 1M0290J02
1504	7	35.0	30	8	AZ656638	AZ656638 1M0532N15
c1505	7	35.0	30	8	AZ787677	AZ787677 2M0034H17
c1506	7	35.0	30	8	AZ800842	AZ800842 2M0059N01
1507	7	35.0	30	8	AZ958796	AZ958796 2M0226C14
c1508	7	35.0	30	8	BZ352558	BZ352558 SALK_0811
1509	7	35.0	30	8	BZ382966	BZ382966 SALK_1191
c1510	7	35.0	30	9	AG196790	AG196790 Pan trogl
1511	7	35.0	30	9	AL940363	AL940363 Arabidops
1512	7	35.0	30	9	CR403195	CR403195 Arabidops
c1513	7	35.0	30	9	CR769873	CR769873 Arabidops
1514	7	35.0	30	9	TA122B10P	AL462631 T. brucei
c1515	7	35.0	30	9	CC884242	CC884242 SALK_1038
1516	7	35.0	30	9	CC888357	CC888357 SALK_1517
c1517	7	35.0	30	9	CG733975	CG733975 1119161D1
c1518	7	35.0	31	1	AA976770	AA976770 oq09e08.s
c1519	7	35.0	31	1	AA989540	AA989540 am64c12.s
c1520	7	35.0	31	1	AI038363	AI038363 ox84d11.x
c1521	7	35.0	31	1	AI073562	AI073562 ov45f12.x
1522	7	35.0	31	1	AI116101	AI116101 uc16b08.r
1523	7	35.0	31	1	AA117017	AA117017 mn22e08.r
c1524	7	35.0	31	1	AA128431	AA128431 zn87h01.s
c1525	7	35.0	31	1	AI625098	AI625098 ts49h02.x
c1526	7	35.0	31	1	AJ649166	AJ649166 AJ649166
1527	7	35.0	31	1	AJ666204	AJ666204 AJ666204
c1528	7	35.0	31	1	AA219989	AA219989 mv65g05.r
1529	7	35.0	31	5	BW510110	BW510110 BW510110
1530	7	35.0	31	6	CD530131	CD530131 39M12 Ara
c1531	7	35.0	31	7	CF317539	CF317539 HD--07-E0
1532	7	35.0	31	8	AZ397057	AZ397057 1M0161C22
1533	7	35.0	31	8	AZ447202	AZ447202 1M0244E12
1534	7	35.0	31	8	AZ458044	AZ458044 1M0261A18
1535	7	35.0	31	8	AZ473655	AZ473655 1M0289H09
1536	7	35.0	31	8	AZ505943	AZ505943 1M0346C24
1537	7	35.0	31	8	AZ580546	AZ580546 1M0368A24
c1538	7	35.0	31	8	AZ661397	AZ661397 1M0540A01
1539	7	35.0	31	8	AZ785865	AZ785865 2M0030O01
c1540	7	35.0	31	8	AZ815323	AZ815323 2M0083B05
1541	7	35.0	31	8	AZ990628	AZ990628 2M0274M21
c1542	7	35.0	31	8	AZ992944	AZ992944 2M0277H14
1543	7	35.0	31	8	BH851938	BH851938 SALK_0737
1544	7	35.0	31	8	BH903720	BH903720 SALK_1032
c1545	7	35.0	31	8	BH908863	BH908863 SALK_0508
c1546	7	35.0	31	8	CC048938	CC048938 01S0454-0
1547	7	35.0	31	9	AG188871	AG188871 Pan trogl
1548	7	35.0	31	9	BX893522	BX893522 Arabidops
c1549	7	35.0	31	9	DME545490	AJ545490 Drosophil
1550	7	35.0	31	9	DR46I2T	AL976106 Danio rer
1551	7	35.0	31	9	DR63F23T	AL986436 Danio rer
1552	7	35.0	31	9	TA106A06P	AL459090 T. brucei
c1553	7	35.0	31	9	TA106A06P	AL459090 T. brucei
1554	7	35.0	31	9	TA141B06P	AL466601 T. brucei
c1555	7	35.0	31	9	CC799964	CC799964 02S0069-0
c1556	7	35.0	31	9	CC887820	CC887820 SALK_1508
c1557	7	35.0	31	9	CG466442	CG466442 01S0600-0

c1558	7	35.0	31	9	CG466465	CG466465 01S0600-0
c1559	7	35.0	31	9	CG677811	CG677811 02F6160-1
c1560	7	35.0	31	9	CG677834	CG677834 02F6160-1
c1561	7	35.0	31	9	CG783732	CG783732 01S0585-0
c1562	7	35.0	31	9	CG846850	CG846850 02S2036-0
c1563	7	35.0	31	9	CL246491	CL246491 01S0569-0
c1564	7	35.0	31	9	CL308367	CL308367 03F0096-0
c1565	7	35.0	32	1	AJ647088	AJ647088 AJ647088
c1566	7	35.0	32	1	AJ668101	AJ668101 AJ668101
1567	7	35.0	32	1	AJ790257	AJ790257 AJ790257
1568	7	35.0	32	1	AJ803274	AJ803274 AJ803274
1569	7	35.0	32	1	AU008173	AU008173 AU008173
c1570	7	35.0	32	1	AU254304	AU254304 AU254304
c1571	7	35.0	32	1	AU256925	AU256925 AU256925
1572	7	35.0	32	4	BG619596	BG619596 602618996
1573	7	35.0	32	5	BW510544	BW510544 BW510544
c1574	7	35.0	32	7	H92864	H92864 yt91c11.s1
1575	7	35.0	32	7	H98862	H98862 yx15h12.s1
c1576	7	35.0	32	8	AZ325144	AZ325144 1M0047J22
c1577	7	35.0	32	8	AZ330827	AZ330827 1M0056L24
1578	7	35.0	32	8	AZ344345	AZ344345 1M0078L15
1579	7	35.0	32	8	AZ429980	AZ429980 1M0214B14
c1580	7	35.0	32	8	AZ481667	AZ481667 1M0306M04
c1581	7	35.0	32	8	AZ583627	AZ583627 1M0378H08
1582	7	35.0	32	8	AZ784967	AZ784967 2M0028H20
c1583	7	35.0	32	8	AZ800172	AZ800172 2M0058J02
1584	7	35.0	32	8	AZ959196	AZ959196 2M0226H14
c1585	7	35.0	32	8	BH809801	BH809801 SALK_0059
c1586	7	35.0	32	8	BH857451	BH857451 SALK_0747
1587	7	35.0	32	8	BZ354498	BZ354498 SALK_1252
1588	7	35.0	32	8	BZ357532	BZ357532 SALK_1308
1589	7	35.0	32	8	BZ381997	BZ381997 SALK_1176
1590	7	35.0	32	8	BZ382002	BZ382002 SALK_1176
1591	7	35.0	32	8	BZ383289	BZ383289 SALK_1324
1592	7	35.0	32	8	BZ763513	BZ763513 SALK_1185
1593	7	35.0	32	8	BZ769342	BZ769342 SALK_1420
c1594	7	35.0	32	8	CC182290	CC182290 02S2019-0
1595	7	35.0	32	9	AG188752	AG188752 Pan trogl
1596	7	35.0	32	9	AG219556	AG219556 Lotus cor
c1597	7	35.0	32	9	AJ622803	AJ622803 Drosophil
1598	7	35.0	32	9	BX651277	BX651277 Arabidops
c1599	7	35.0	32	9	BX892227	BX892227 Arabidops
c1600	7	35.0	32	9	DR15P18T	AL749058 Danio rer
c1601	7	35.0	32	9	TA126E06P	AL465171 T. brucei
c1602	7	35.0	32	9	CC797513	CC797513 SALK_1450
c1603	7	35.0	32	9	CG706153	CG706153 01S0707-0
1604	7	35.0	32	9	CG733642	CG733642 1119158A0
c1605	7	35.0	32	9	CG785983	CG785983 98F0079-0
c1606	7	35.0	32	9	CL002163	CL002163 01S0713-0
1607	7	35.0	33	1	AA928092	AA928092 on86c02.s
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c1609	7	35.0	33	1	AU006896	AU006896 AU006896
c1610	7	35.0	33	2	BF529182	BF529182 602041614
c1611	7	35.0	33	2	BE619799	BE619799 601473020
1612	7	35.0	33	4	BI853127	BI853127 603379665
1613	7	35.0	33	5	BQ586470	BQ586470 S013222w-
c1614	7	35.0	33	7	CF305700	CF305700 HDA1--01-
c1615	7	35.0	33	7	CF310044	CF310044 ABF--04-I
1616	7	35.0	33	7	D25859	D25859 HUMGS04236
1617	7	35.0	33	7	H23694	H23694 yn72f11.s1
1618	7	35.0	33	7	R01622	R01622 ye79c10.s1
c1619	7	35.0	33	8	AZ319143	AZ319143 1M0038B12
1620	7	35.0	33	8	AZ366238	AZ366238 1M0115F13
1621	7	35.0	33	8	AZ417358	AZ417358 1M0193D04
1622	7	35.0	33	8	AZ476393	AZ476393 1M0295K07
c1623	7	35.0	33	8	AZ998225	AZ998225 2M0285L02
1624	7	35.0	33	8	BH904766	BH904766 SALK_1050
1625	7	35.0	33	8	BZ292057	BZ292057 SALK_1230
c1626	7	35.0	33	8	BZ358119	BZ358119 SALK_1319
1627	7	35.0	33	8	BZ764017	BZ764017 SALK_1230
1628	7	35.0	33	9	AL943026	AL943026 Arabidops
1629	7	35.0	33	9	DR61J1S	AL979191 Danio rer
c1630	7	35.0	33	9	TA154B08Q	AL473267 T. brucei
c1631	7	35.0	33	9	TA21A02Q	AL453758 T. brucei
c1632	7	35.0	33	9	CG783897	CG783897 01S0592-0
c1633	7	35.0	33	9	CG891708	CG891708 01S0454-0
c1634	7	35.0	33	9	CL002520	CL002520 02S0105-0
c1635	7	35.0	33	9	CL002786	CL002786 02S0169-0
c1636	7	35.0	33	9	CL233880	CL233880 02F6160-1
c1637	7	35.0	33	9	CL234556	CL234556 02S0422-0
c1638	7	35.0	33	9	CL307946	CL307946 02S0206-0
c1639	7	35.0	33	9	CL528726	CL528726 ASV6E01.f
c1640	7	35.0	33	9	CL680779	CL680779 PRI012b_D
c1641	7	35.0	33	9	CL680834	CL680834 PRI012c_A
1642	7	35.0	34	1	AA886953	AA886953 oi14e05.s
1643	7	35.0	34	1	AA887400	AA887400 oj37b11.s
1644	7	35.0	34	1	AA896013	AA896013 vx61b12.r
c1645	7	35.0	34	1	AA897188	AA897188 am06a04.s
c1646	7	35.0	34	1	AA933070	AA933070 om85e05.s
c1647	7	35.0	34	1	AA961390	AA961390 or35c09.s
1648	7	35.0	34	1	AA994158	AA994158 ou38f11.s
1649	7	35.0	34	1	AI051365	AI051365 ow25f10.x
1650	7	35.0	34	1	AI130318	AI130318 SWOvL3CAN
1651	7	35.0	34	1	AI142403	AI142403 qg61d03.s
1652	7	35.0	34	1	AI158319	AI158319 ud27c08.r
1653	7	35.0	34	1	AI186043	AI186043 qe50f03.x
1654	7	35.0	34	1	AI186993	AI186993 qe28h11.x
1655	7	35.0	34	1	AI208518	AI208518 qg56h10.x
c1656	7	35.0	34	1	AA108667	AA108667 mp30h11.r
1657	7	35.0	34	1	AI433277	AI433277 ti32h05.x
c1658	7	35.0	34	1	AI539355	AI539355 te51a08.x
1659	7	35.0	34	1	AI584193	AI584193 fb82a03.x
1660	7	35.0	34	1	AI646800	AI646800 ub65h10.x
1661	7	35.0	34	1	AI720376	AI720376 as75h07.x
1662	7	35.0	34	1	AI765722	AI765722 wi83g02.x
c1663	7	35.0	34	1	AI768771	AI768771 wi86g03.x
1664	7	35.0	34	1	AI818422	AI818422 wk52e02.x
c1665	7	35.0	34	2	AV956627	AV956627 AV956627
1666	7	35.0	34	2	BE727039	BE727039 601563710
c1667	7	35.0	34	4	BG169476	BG169476 602321178
c1668	7	35.0	34	4	BI760282	BI760282 603045345
c1669	7	35.0	34	5	BW589832	BW589832 BW589832
c1670	7	35.0	34	5	BX838560	BX838560 BX838560
c1671	7	35.0	34	6	CA794223	CA794223 Cac_BL_12
1672	7	35.0	34	7	CO786031	CO786031 BL285B_A0
1673	7	35.0	34	7	CO787403	CO787403 NT001A_B1
1674	7	35.0	34	7	H14827	H14827 ym25e02.s1
c1675	7	35.0	34	7	T66163	T66163 yc77e05.s1
1676	7	35.0	34	8	AZ307809	AZ307809 1M0010G10
1677	7	35.0	34	8	AZ308149	AZ308149 1M0010B24
1678	7	35.0	34	8	AZ309524	AZ309524 1M0013I04
1679	7	35.0	34	8	AZ327707	AZ327707 1M0051D18
1680	7	35.0	34	8	AZ340626	AZ340626 1M0072C09
c1681	7	35.0	34	8	AZ345878	AZ345878 1M0080N16
c1682	7	35.0	34	8	AZ374812	AZ374812 1M0127D24
c1683	7	35.0	34	8	AZ429413	AZ429413 1M0213A23
c1684	7	35.0	34	8	AZ462320	AZ462320 1M0269J03
1685	7	35.0	34	8	AZ466726	AZ466726 1M0277C11
1686	7	35.0	34	8	AZ758250	AZ758250 1M0550J08
1687	7	35.0	34	8	AZ775556	AZ775556 2M0008M15
c1688	7	35.0	34	8	AZ778310	AZ778310 2M0013K09
c1689	7	35.0	34	8	AZ789746	AZ789746 2M0037M14
c1690	7	35.0	34	8	AZ816455	AZ816455 2M0085P08
c1691	7	35.0	34	8	AZ818619	AZ818619 2M0088F17
1692	7	35.0	34	8	AZ829265	AZ829265 2M0106N15
1693	7	35.0	34	8	AZ952875	AZ952875 2M0217D23
c1694	7	35.0	34	8	AZ957635	AZ957635 2M0224N04
1695	7	35.0	34	8	AZ996882	AZ996882 2M0283P09
c1696	7	35.0	34	8	BH810411	BH810411 SALK_0495
c1697	7	35.0	34	8	BH846994	BH846994 SALK_0125
c1698	7	35.0	34	8	BH852748	BH852748 SALK_0755
1699	7	35.0	34	8	BH857757	BH857757 SALK_0156
1700	7	35.0	34	8	BH904282	BH904282 SALK_1042
c1701	7	35.0	34	8	BZ358990	BZ358990 SALK_1336
1702	7	35.0	34	8	BZ384061	BZ384061 SALK_1350
1703	7	35.0	34	8	BZ663657	BZ663657 SALK_0272

1704	7	35.0	34	8	BZ764090	BZ764090 SALK_1237	c1777	7	35.0	36	8	BH853541	BH853541 SALK_0771
c1705	7	35.0	34	8	CC180937	CC180937 01S0568-0	c1778	7	35.0	36	8	BH902259	BH902259 SALK_0915
1706	7	35.0	34	9	AG190965	AG190965 Pan trogl	1779	7	35.0	36	8	BH904934	BH904934 SALK_1053
1707	7	35.0	34	9	BX894905	BX894905 Arabidops	1780	7	35.0	36	8	BZ353554	BZ353554 SALK_1204
1708	7	35.0	34	9	TA124F07P	AL465297 T. brucei	c1781	7	35.0	36	8	BZ355125	BZ355125 SALK_1263
c1709	7	35.0	34	9	TA128B10P	AL465010 T. brucei	c1782	7	35.0	36	8	BZ764686	BZ764686 SALK_1261
c1710	7	35.0	34	9	TA210F03Q	AL478781 T. brucei	1783	7	35.0	36	8	BZ765464	BZ765464 SALK_1314
c1711	7	35.0	34	9	TA238C10Q	AL481298 T. brucei	1784	7	35.0	36	8	CC455215	CC455215 SALK_0699
1712	7	35.0	34	9	CG723119	CG723119 1119074G1	c1785	7	35.0	36	9	AG190052	AG190052 Pan trogl
c1713	7	35.0	34	9	CG846999	CG846999 01S0554-0	c1786	7	35.0	36	9	AJ590966	AJ590966 Arabidops
1714	7	35.0	34	9	CL265773	CL265773 03F3660-0	c1787	7	35.0	36	9	AJ590987	AJ590987 Arabidops
c1715	7	35.0	34	9	CL308567	CL308567 03S0467-1	c1788	7	35.0	36	9	AJ590993	AJ590993 Arabidops
c1716	7	35.0	34	9	CL309655	CL309655 03S2012-0	1789	7	35.0	36	9	CR769937	CR769937 Arabidops
c1717	7	35.0	34	9	CL872117	CL872117 abe80c01.	1790	7	35.0	36	9	CR769970	CR769970 Arabidops
1718	7	35.0	35	1	AU257271	AU257271 AU257271	1791	7	35.0	36	9	TA43D01P	AL454691 T. brucei
c1719	7	35.0	35	1	AU258400	AU258400 AU258400	c1792	7	35.0	36	9	CC888584	CC888584 SALK_1520
1720	7	35.0	35	6	CA587212	CA587212 LBE09p73	c1793	7	35.0	36	9	CG847295	CG847295 01S0642-0
c1721	7	35.0	35	7	CF293425	CF293425 30DGS--02	c1794	7	35.0	36	9	CG892085	CG892085 01S0561-0
1722	7	35.0	35	7	H16472	H16472 ym22h07.s1	c1795	7	35.0	36	9	CL307639	CL307639 02F0151-1
1723	7	35.0	35	7	T83489	T83489 ye03c01.r1	c1796	7	35.0	36	9	CL307757	CL307757 02S0135-1
1724	7	35.0	35	8	AQ025381	AQ025381 EP(X)1088	1797	7	35.0	36	9	CL438175	CL438175 PST6954-N
1725	7	35.0	35	8	AZ309042	AZ309042 1M0012M11	c1798	7	35.0	36	9	CL891486	CL891486 abg08f02.
1726	7	35.0	35	8	AZ319308	AZ319308 1M0038A21	c1799	7	35.0	37	1	AA929493	AA929493 vt40a01.r
1727	7	35.0	35	8	AZ437936	AZ437936 1M0226L07	c1800	7	35.0	37	1	AA931046	AA931046 om91e02.s
1728	7	35.0	35	8	AZ442521	AZ442521 1M0236C10	c1801	7	35.0	37	1	AA984865	AA984865 am62b07.s
c1729	7	35.0	35	8	AZ454138	AZ454138 1M0256A01	c1802	7	35.0	37	1	AI077338	AI077338 oy65g02.x
1730	7	35.0	35	8	AZ460717	AZ460717 1M0266M11	c1803	7	35.0	37	1	AI089361	AI089361 qb05h05.x
1731	7	35.0	35	8	AZ641012	AZ641012 1M0503M16	c1804	7	35.0	37	1	AI119965	AI119965 uc23d02.r
1732	7	35.0	35	8	AZ665829	AZ665829 1M0547A03	c1805	7	35.0	37	1	AI125033	AI125033 ao10f10.s
c1733	7	35.0	35	8	AZ767758	AZ767758 1M0567C18	1806	7	35.0	37	1	AI327021	AI327021 mj94f07.x
1734	7	35.0	35	8	AZ780266	AZ780266 2M0017O21	1807	7	35.0	37	1	AI356464	AI356464 qz27b03.x
c1735	7	35.0	35	8	AZ787591	AZ787591 2M0034B12	1808	7	35.0	37	1	AI453290	AI453290 tj40f11.x
c1736	7	35.0	35	8	AZ807127	AZ807127 2M0069K08	1809	7	35.0	37	1	AI560313	AI560313 tn12f08.x
c1737	7	35.0	35	8	AZ810949	AZ810949 2M0076A21	1810	7	35.0	37	1	AI640882	AI640882 tz73a03.x
1738	7	35.0	35	8	AZ812997	AZ812997 2M0080M03	1811	7	35.0	37	1	AI648818	AI648818 uk29e05.x
c1739	7	35.0	35	8	BH023779	BH023779 BG02293-3	c1812	7	35.0	37	1	AI974113	AI974113 sd16f10.y
c1740	7	35.0	35	8	BH810781	BH810781 SALK_0511	1813	7	35.0	37	1	AJ800252	AJ800252 AJ800252
1741	7	35.0	35	8	BH849407	BH849407 SALK_0696	1814	7	35.0	37	1	AA186584	AA186584 zp64d06.r
c1742	7	35.0	35	8	BZ383765	BZ383765 SALK_1344	c1815	7	35.0	37	1	AU014462	AU014462 AU014462
c1743	7	35.0	35	8	BZ689913	BZ689913 W057A07 G	1816	7	35.0	37	1	AU256895	AU256895 AU256895
c1744	7	35.0	35	8	CC458255	CC458255 SALK_1174	c1817	7	35.0	37	1	AA462700	AA462700 vg75e04.r
1745	7	35.0	35	9	AG195057	AG195057 Pan trogl	c1818	7	35.0	37	1	AA570314	AA570314 nm22f06.s
c1746	7	35.0	35	9	AG201908	AG201908 Pan trogl	c1819	7	35.0	37	2	BF211603	BF211603 601812103
1747	7	35.0	35	9	AJ600725	AJ600725 Arabidops	1820	7	35.0	37	2	BF686976	BF686976 602102753
1748	7	35.0	35	9	CC799897	CC799897 01S0783-0	c1821	7	35.0	37	4	BI822775	BI822775 603040248
c1749	7	35.0	35	9	CG677625	CG677625 01S0707-0	1822	7	35.0	37	7	CF301776	CF301776 7LEAF--06
1750	7	35.0	35	9	CG707777	CG707777 1119003G0	1823	7	35.0	37	7	H22674	H22674 yn67d01.r1
c1751	7	35.0	35	9	CG712767	CG712767 1119029A1	1824	7	35.0	37	7	H27436	H27436 yl67g07.s1
c1752	7	35.0	35	9	CG847038	CG847038 01S0596-0	1825	7	35.0	37	7	N22445	N22445 yw39h02.s1
c1753	7	35.0	35	9	CL213092	CL213092 F032F01 G	c1826	7	35.0	37	7	N41810	N41810 yw88c05.r1
c1754	7	35.0	35	9	CL234577	CL234577 02S0422-0	c1827	7	35.0	37	7	N46705	N46705 yy50h01.r1
c1755	7	35.0	35	9	CL437257	CL437257 PST4863-N	c1828	7	35.0	37	8	AZ382744	AZ382744 1M0140H07
c1756	7	35.0	36	1	AJ652684	AJ652684 AJ652684	1829	7	35.0	37	8	AZ436251	AZ436251 1M0233K21
c1757	7	35.0	36	1	AL037227	AL037227 DKFZp564G	c1830	7	35.0	37	8	AZ458060	AZ458060 1M0261G16
c1758	7	35.0	36	1	AA275379	AA275379 vc10d01.r	1831	7	35.0	37	8	AZ466754	AZ466754 1M0277J12
c1759	7	35.0	36	4	BG718554	BG718554 602696627	1832	7	35.0	37	8	AZ496930	AZ496930 1M0333M05
1760	7	35.0	36	4	BM145495	BM145495 TCAAP1D64	c1833	7	35.0	37	8	AZ501429	AZ501429 1M0340I13
c1761	7	35.0	36	5	BW507785	BW507785 BW507785	1834	7	35.0	37	8	AZ502580	AZ502580 1M0341M23
1762	7	35.0	36	5	BW510597	BW510597 BW510597	c1835	7	35.0	37	8	AZ514485	AZ514485 1M0361F22
1763	7	35.0	36	6	CA906083	CA906083 PCS01742x	1836	7	35.0	37	8	AZ582240	AZ582240 1M0374E06
c1764	7	35.0	36	7	CO577681	CO577681 TvEST082A	1837	7	35.0	37	8	AZ600265	AZ600265 1M0418H08
1765	7	35.0	36	7	R44635	R44635 yg28a09.s1	1838	7	35.0	37	8	AZ645667	AZ645667 1M0511C16
1766	7	35.0	36	7	T64414	T64414 yc48e08.s1	1839	7	35.0	37	8	AZ760010	AZ760010 1M0553D21
c1767	7	35.0	36	8	AZ328880	AZ328880 1M0052D19	c1840	7	35.0	37	8	AZ769896	AZ769896 1M0571E03
c1768	7	35.0	36	8	AZ452052	AZ452052 1M0251O10	c1841	7	35.0	37	8	AZ801943	AZ801943 2M0060D09
c1769	7	35.0	36	8	AZ482686	AZ482686 1M0307A22	1842	7	35.0	37	8	AZ837484	AZ837484 2M0132I18
c1770	7	35.0	36	8	AZ599457	AZ599457 1M0414L14	c1843	7	35.0	37	8	AZ867587	AZ867587 2M0178B06
c1771	7	35.0	36	8	AZ619194	AZ619194 1M0451J19	1844	7	35.0	37	8	BH011461	BH011461 BG02139-3
c1772	7	35.0	36	8	AZ797263	AZ797263 2M0053G23	c1845	7	35.0	37	8	BH023763	BH023763 BG02168-5
1773	7	35.0	36	8	AQ254660	AQ254660 EP(3)0881	1846	7	35.0	37	8	BH852076	BH852076 SALK_0741
1774	7	35.0	36	8	BH848816	BH848816 SALK_0688	1847	7	35.0	37	8	BH904933	BH904933 SALK_1053
c1775	7	35.0	36	8	BH852549	BH852549 SALK_0751	c1848	7	35.0	37	8	BZ287227	BZ287227 SALK_0205
c1776	7	35.0	36	8	BH852550	BH852550 SALK_0751	c1849	7	35.0	37	8	BZ287520	BZ287520 SALK_0208

1850	7	35.0	37	8	BZ292486	BZ292486 SALK_1243	c1923	7	35.0	38	9	CG892438	CG892438 01S0720-0
1851	7	35.0	37	8	BZ354472	BZ354472 SALK_1251	c1924	7	35.0	38	9	CL211698	CL211698 A011F03 G
1852	7	35.0	37	8	BZ356684	BZ356684 SALK_1295	c1925	7	35.0	38	9	CL265907	CL265907 03F3660-0
c1853	7	35.0	37	8	CC053460	CC053460 SALK_0435	c1926	7	35.0	38	9	CL293738	CL293738 01S0557-0
c1854	7	35.0	37	9	AG194062	AG194062 Pan trogl	c1927	7	35.0	38	9	CL308616	CL308616 03S0467-1
1855	7	35.0	37	9	AG195359	AG195359 Pan trogl	1928	7	35.0	38	9	CL522950	CL522950 DAK7B12 F
c1856	7	35.0	37	9	AG215935	AG215935 Drosophil	1929	7	35.0	38	9	CL685226	CL685226 PRI0140c_
c1857	7	35.0	37	9	AG216163	AG216163 Drosophil	c1930	7	35.0	39	1	AV846220	AV846220 AV846220
c1858	7	35.0	37	9	AG216196	AG216196 Drosophil	1931	7	35.0	39	2	BE874819	BE874819 601488760
c1859	7	35.0	37	9	AG216210	AG216210 Drosophil	c1932	7	35.0	39	4	BI646642	BI646642 603276552
c1860	7	35.0	37	9	AG216512	AG216512 Drosophil	1933	7	35.0	39	4	BJ048104	BJ048104 BJ048104
c1861	7	35.0	37	9	AG216758	AG216758 Drosophil	1934	7	35.0	39	6	C02291	C02291 HUMGS000665
c1862	7	35.0	37	9	AG217821	AG217821 Drosophil	1935	7	35.0	39	6	CA797268	CA797268 Cac_BL_43
c1863	7	35.0	37	9	AG217899	AG217899 Drosophil	c1936	7	35.0	39	7	CF334235	CF334235 JMT--03-H
c1864	7	35.0	37	9	AL758909	AL758909 Arabidops	1937	7	35.0	39	7	CO781831	CO781831 BL013C_A0
1865	7	35.0	37	9	AL768567	AL768567 Arabidops	c1938	7	35.0	39	7	H26414	H26414 yl55e01.s1
1866	7	35.0	37	9	BX653763	BX653763 Arabidops	1939	7	35.0	39	7	H53592	H53592 yq87e07.s1
1867	7	35.0	37	9	DR63F21T	AL981876 Danio rer	1940	7	35.0	39	8	AQ025109	AQ025109 EP(3)0545
1868	7	35.0	37	9	TA129B08P	AL463984 T. brucei	1941	7	35.0	39	8	AZ304765	AZ304765 1M0005A15
1869	7	35.0	37	9	TA354A03Q	AL497158 T. brucei	c1942	7	35.0	39	8	AZ307238	AZ307238 1M0008L11
c1870	7	35.0	37	9	TA62G06P	AL465089 T. brucei	1943	7	35.0	39	8	AZ318078	AZ318078 1M0037P19
1871	7	35.0	37	9	TA72B12P	AL457094 T. brucei	c1944	7	35.0	39	8	AZ369352	AZ369352 1M0119H19
1872	7	35.0	37	9	CC887586	CC887586 SALK_1504	1945	7	35.0	39	8	AZ375333	AZ375333 1M0128F07
c1873	7	35.0	37	9	CG705591	CG705591 01S0585-0	c1946	7	35.0	39	8	AZ470472	AZ470472 1M0284L06
1874	7	35.0	37	9	CG715229	CG715229 1119040E1	1947	7	35.0	39	8	AZ480939	AZ480939 1M0302M10
c1875	7	35.0	37	9	CL233856	CL233856 02F6160-1	1948	7	35.0	39	8	AZ595684	AZ595684 1M0408O24
1876	7	35.0	38	1	AU257194	AU257194 AU257194	1949	7	35.0	39	8	AZ596555	AZ596555 1M0409G24
c1877	7	35.0	38	2	BE534187	BE534187 601232196	c1950	7	35.0	39	8	AZ603310	AZ603310 1M0422N12
1878	7	35.0	38	5	BW508782	BW508782 BW508782	1951	7	35.0	39	8	AZ648826	AZ648826 1M0518B16
1879	7	35.0	38	5	BX554103	BX554103 BX554103	c1952	7	35.0	39	8	AZ808801	AZ808801 2M0072F02
1880	7	35.0	38	6	CA585946	CA585946 LBA00512.	c1953	7	35.0	39	8	BH023786	BH023786 BG02383-5
c1881	7	35.0	38	7	CF302146	CF302146 7LEAF--07	c1954	7	35.0	39	8	BH810184	BH810184 SALK_0441
1882	7	35.0	38	7	CF842456	CF842456 psHB020xB	1955	7	35.0	39	8	BH812606	BH812606 SALK_0620
1883	7	35.0	38	7	H55272	H55272 CHR220211 C	1956	7	35.0	39	8	BH846313	BH846313 SALK_0072
1884	7	35.0	38	7	T61852	T61852 yb92g06.s1	1957	7	35.0	39	8	BH847104	BH847104 SALK_0132
1885	7	35.0	38	7	T71023	T71023 yc50c11.s1	c1958	7	35.0	39	8	BH856244	BH856244 SALK_0831
1886	7	35.0	38	7	T71791	T71791 yc64d10.s1	c1959	7	35.0	39	8	CC180954	CC180954 01S0568-0
c1887	7	35.0	38	8	AZ324843	AZ324843 1M0047C08	1960	7	35.0	39	9	AG244950	AG244950 Lotus cor
1888	7	35.0	38	8	AZ345948	AZ345948 1M0080N22	1961	7	35.0	39	9	AJ597538	AJ597538 Arabidops
c1889	7	35.0	38	8	AZ371497	AZ371497 1M0122O19	c1962	7	35.0	39	9	AJ601212	AJ601212 Arabidops
1890	7	35.0	38	8	AZ387398	AZ387398 1M0146E14	c1963	7	35.0	39	9	AJ622776	AJ622776 Drosophil
1891	7	35.0	38	8	AZ442915	AZ442915 1M0237B19	c1964	7	35.0	39	9	AJ622787	AJ622787 Drosophil
1892	7	35.0	38	8	AZ479185	AZ479185 1M0299J11	1965	7	35.0	39	9	AL768682	AL768682 Arabidops
c1893	7	35.0	38	8	AZ484846	AZ484846 1M0311A08	1966	7	35.0	39	9	AL937027	AL937027 Arabidops
c1894	7	35.0	38	8	AZ506007	AZ506007 1M0346P19	c1967	7	35.0	39	9	BX943527	BX943527 Arabidops
c1895	7	35.0	38	8	AZ596225	AZ596225 1M0409D19	1968	7	35.0	39	9	DR1L3T	AL741519 Danio rer
1896	7	35.0	38	8	AZ665535	AZ665535 1M0547I04	1969	7	35.0	39	9	TA150B10P	AL472096 T. brucei
c1897	7	35.0	38	8	AZ759713	AZ759713 1M0552E14	c1970	7	35.0	39	9	TA365B03P	AL495721 T. brucei
1898	7	35.0	38	8	AZ786040	AZ786040 2M0030B22	c1971	7	35.0	39	9	CC800059	CC800059 02S0069-0
1899	7	35.0	38	8	AZ796227	AZ796227 2M0051C23	c1972	7	35.0	39	9	CC885931	CC885931 SALK_1480
c1900	7	35.0	38	8	AZ811077	AZ811077 2M0077K02	1973	7	35.0	39	9	CG707570	CG707570 1119002H1
1901	7	35.0	38	8	AZ812194	AZ812194 2M0078P11	c1974	7	35.0	39	9	CG716100	CG716100 1119044E1
c1902	7	35.0	38	8	AZ859079	AZ859079 2M0164I04	c1975	7	35.0	39	9	CG892032	CG892032 01S0551-0
1903	7	35.0	38	8	AZ949952	AZ949952 2M0213J13	c1976	7	35.0	39	9	CG892116	CG892116 01S0592-0
1904	7	35.0	38	8	BH129371	BH129371 G-5b8.f M	c1977	7	35.0	39	9	CL234562	CL234562 02S0422-0
1905	7	35.0	38	8	BH814038	BH814038 SALK_0656	c1978	7	35.0	39	9	CL520042	CL520042 SAJ1B07 F
1906	7	35.0	38	8	BH851440	BH851440 SALK_0729	1979	7	35.0	39	9	CL661999	CL661999 PRI0140b_
1907	7	35.0	38	8	BH901832	BH901832 SALK_0870	1980	7	35.0	40	1	AA048190	AA048190 mj24g06.r
1908	7	35.0	38	8	BZ287177	BZ287177 SALK_0205	1981	7	35.0	40	1	AA069196	AA069196 zm11b11.r
1909	7	35.0	38	9	AG188167	AG188167 Pan trogl	1982	7	35.0	40	1	AA767606	AA767606 ob47e05.s
1910	7	35.0	38	9	AG188472	AG188472 Pan trogl	1983	7	35.0	40	1	AA860078	AA860078 ak45c03.s
c1911	7	35.0	38	9	AG221585	AG221585 Lotus cor	1984	7	35.0	40	1	AA888211	AA888211 of86d11.s
c1912	7	35.0	38	9	AG229213	AG229213 Lotus cor	c1985	7	35.0	40	1	AA928933	AA928933 oo31b09.s
1913	7	35.0	38	9	AJ593576	AJ593576 Arabidops	c1986	7	35.0	40	1	AI003231	AI003231 an11g01.s
c1914	7	35.0	38	9	AJ594697	AJ594697 Arabidops	1987	7	35.0	40	1	AI153641	AI153641 vz88h03.r
c1915	7	35.0	38	9	AJ595611	AJ595611 Arabidops	c1988	7	35.0	40	1	AI154155	AI154155 ud78g06.r
c1916	7	35.0	38	9	BX001211	BX001211 Arabidops	1989	7	35.0	40	1	AI195913	AI195913 ue51c06.r
1917	7	35.0	38	9	BX534570	BX534570 Arabidops	1990	7	35.0	40	1	AI197292	AI197292 ui14h11.r
c1918	7	35.0	38	9	BX662465	BX662465 Arabidops	1991	7	35.0	40	1	AI208979	AI208979 qg29h02.x
c1919	7	35.0	38	9	BX943094	BX943094 Arabidops	c1992	7	35.0	40	1	AI279379	AI279379 qq13h11.x
1920	7	35.0	38	9	TA185H06Q	AL473803 T. brucei	1993	7	35.0	40	1	AI300663	AI300663 qo22a04.x
1921	7	35.0	38	9	CG426413	CG426413 01S0586-0	1994	7	35.0	40	1	AA101438	AA101438 zn72h03.r
c1922	7	35.0	38	9	CG715049	CG715049 1119039F1	c1995	7	35.0	40	1	AI416862	AI416862 sa19h10.y

1996	7	35.0	40	1	AI572314	AI572314 te39f10.x
c1997	7	35.0	40	1	AI579957	AI579957 tq35f07.x
1998	7	35.0	40	1	AI810174	AI810174 wf80e11.x
1999	7	35.0	40	1	AI962543	AI962543 wq53g05.x
2000	7	35.0	40	1	AJ239824	AJ239824
c2001	7	35.0	40	1	AA251035	AA251035 zs07a06.r
2002	7	35.0	40	1	AA417630	AA417630 zu99g11.s
2003	7	35.0	40	1	AA508464	AA508464 nh66b09.s
2004	7	35.0	40	1	AA627715	AA627715 nq52b10.s
2005	7	35.0	40	4	BG777922	BG777922 602665676
2006	7	35.0	40	4	BG778865	BG778865 602667554
2007	7	35.0	40	6	C01060	C01060 HUMGS000770
c2008	7	35.0	40	7	CF309284	CF309284 ABF--03-G
c2009	7	35.0	40	7	CO258621	CO258621 VRK352 Vi
c2010	7	35.0	40	7	H82077	H82077 yv78f07.s1
2011	7	35.0	40	7	H85898	H85898 ys92h07.s1
2012	7	35.0	40	7	L76121	L76121 SCMRAP0206
c2013	7	35.0	40	7	R80368	R80368 yi96g03.r1
2014	7	35.0	40	7	R89237	R89237 yp99d12.r1
2015	7	35.0	40	7	T96867	T96867 ye52b09.s1
c2016	7	35.0	40	7	W56732	W56732 zd14c07.s1
2017	7	35.0	40	8	AZ317321	AZ317321 1M0035P03
c2018	7	35.0	40	8	AZ376869	AZ376869 1M0131M01
2019	7	35.0	40	8	AZ411378	AZ411378 1M0184I21
2020	7	35.0	40	8	AZ480548	AZ480548 1M0302H12
c2021	7	35.0	40	8	AZ537182	AZ537182 AST-2P025
2022	7	35.0	40	8	AZ592228	AZ592228 1M0403D02
2023	7	35.0	40	8	AZ597058	AZ597058 1M0410M08
c2024	7	35.0	40	8	AZ604737	AZ604737 1M0425A13
c2025	7	35.0	40	8	AZ610523	AZ610523 1M0435B20
2026	7	35.0	40	8	AZ760260	AZ760260 1M0553G21
2027	7	35.0	40	8	AZ784839	AZ784839 2M0028C09
c2028	7	35.0	40	8	AZ834909	AZ834909 2M0117B21
c2029	7	35.0	40	8	BH790989	BH790989 SALK_0583
c2030	7	35.0	40	8	BH791571	BH791571 SALK_0604
2031	7	35.0	40	8	BH857805	BH857805 SALK_0874
2032	7	35.0	40	8	BH861711	BH861711 SALK_0878
c2033	7	35.0	40	8	BH862138	BH862138 SALK_0888
2034	7	35.0	40	8	BH863408	BH863408 SALK_0938
2035	7	35.0	40	8	BH863755	BH863755 SALK_0945
2036	7	35.0	40	8	BH913423	BH913423 3526_1_39
2037	7	35.0	40	8	BH917005	BH917005 3526_1_54
2038	7	35.0	40	8	BZ588448	BZ588448 3590_1_8_
2039	7	35.0	40	8	BZ762552	BZ762552 SALK_1053
2040	7	35.0	40	8	CC021247	CC021247 3591_1_23
c2041	7	35.0	40	8	CC030746	CC030746 3591_1_11
c2042	7	35.0	40	8	CC183522	CC183522 XE365 Bay
c2043	7	35.0	40	8	CC325174	CC325174 XL916 Bay
2044	7	35.0	40	8	CC458008	CC458008 SALK_1147
2045	7	35.0	40	9	AG187897	AG187897 Pan trogl
c2046	7	35.0	40	9	AL941216	AL941216 Arabidops
c2047	7	35.0	40	9	BX120037	BX120037 Danio rer
c2048	7	35.0	40	9	BX121809	BX121809 Danio rer
2049	7	35.0	40	9	BX286458	BX286458 Arabidops
c2050	7	35.0	40	9	BX292313	BX292313 Arabidops
c2051	7	35.0	40	9	BX292462	BX292462 Arabidops
2052	7	35.0	40	9	BX892413	BX892413 Arabidops
2053	7	35.0	40	9	TA208C03Q	AL479301 T. brucei
c2054	7	35.0	40	9	TA289H09Q	AL486610 T. brucei
2055	7	35.0	40	9	CC885672	CC885672 SALK_1477
c2056	7	35.0	40	9	CG773276	CG773276 1123016B0
2057	7	35.0	40	9	CG774466	CG774466 1123019A0
2058	7	35.0	40	9	CG780096	CG780096 1123037F0
c2059	7	35.0	40	9	CL002899	CL002899 02S0169-0
c2060	7	35.0	40	9	CL002909	CL002909 02S0169-0
c2061	7	35.0	40	9	CL213930	CL213930 M018F01 G
c2062	7	35.0	40	9	CL233843	CL233843 01S0638-0
c2063	7	35.0	40	9	CL234594	CL234594 02S0422-0
2064	7	35.0	40	9	CL653498	CL653498 PRI0118c_
c2065	7	35.0	41	1	AJ652611	AJ652611 AJ652611
c2066	7	35.0	41	1	AV855002	AV855002 AV855002
c2067	7	35.0	41	2	BE381857	BE381857 601272391
2068	7	35.0	41	4	BI756602	BI756602 603028966
2069	7	35.0	41	4	BI828498	BI828498 603078276
c2070	7	35.0	41	4	BI830856	BI830856 603080973
2071	7	35.0	41	4	BM396746	BM396746 5009-0-24
2072	7	35.0	41	5	BW505726	BW505726 BW505726
c2073	7	35.0	41	5	BX626739	BX626739 BX626739
c2074	7	35.0	41	7	CF293018	CF293018 30DGS--02
c2075	7	35.0	41	7	CF304527	CF304527 ABF1--05-
2076	7	35.0	41	7	CO740007	CO740007 S1LB06a25
2077	7	35.0	41	7	CO786754	CO786754 BL287B_A0
2078	7	35.0	41	7	CV299646	CV299646 EST888893
c2079	7	35.0	41	7	D45798	D45798 HUMGS03015
2080	7	35.0	41	7	H55104	H55104 CHR220043 C
2081	7	35.0	41	7	H84363	H84363 yv85c09.s1
c2082	7	35.0	41	7	H86823	H86823 yt07c03.s1
c2083	7	35.0	41	8	AZ310719	AZ310719 1M0025L15
c2084	7	35.0	41	8	AZ323321	AZ323321 1M0044A19
2085	7	35.0	41	8	AZ474055	AZ474055 1M0290K15
c2086	7	35.0	41	8	AZ492381	AZ492381 1M0326B05
2087	7	35.0	41	8	AZ580746	AZ580746 1M0369I11
c2088	7	35.0	41	8	AZ583919	AZ583919 1M0388C08
2089	7	35.0	41	8	AZ762719	AZ762719 1M0557G20
c2090	7	35.0	41	8	AZ773828	AZ773828 2M0001P06
2091	7	35.0	41	8	AZ802791	AZ802791 2M0061N15
c2092	7	35.0	41	8	AZ804337	AZ804337 2M0065E05
2093	7	35.0	41	8	AZ916166	AZ916166 PstI_3_d3
2094	7	35.0	41	8	AZ990598	AZ990598 2M0274G20
c2095	7	35.0	41	8	BH758401	BH758401 SALK_0186
2096	7	35.0	41	8	BH904514	BH904514 SALK_1045
c2097	7	35.0	41	8	BH906036	BH906036 SALK_1091
c2098	7	35.0	41	8	BH906037	BH906037 SALK_1091
2099	7	35.0	41	8	BH913069	BH913069 3526_1_38
2100	7	35.0	41	8	BH919039	BH919039 3526_1_63
c2101	7	35.0	41	8	BZ762859	BZ762859 SALK_1092
c2102	7	35.0	41	8	BZ762860	BZ762860 SALK_1092
2103	7	35.0	41	8	BZ764450	BZ764450 SALK_1247
c2104	7	35.0	41	8	CC180419	CC180419 01S0428-0
c2105	7	35.0	41	8	CC182973	CC182973 XG447 Bay
c2106	7	35.0	41	8	CC200179	CC200179 XG205 Bay
2107	7	35.0	41	9	AG188484	AG188484 Pan trogl
2108	7	35.0	41	9	AL769865	AL769865 Arabidops
2109	7	35.0	41	9	AL943491	AL943491 Arabidops
c2110	7	35.0	41	9	BX120580	BX120580 Danio rer
2111	7	35.0	41	9	BX161760	BX161760 Danio rer
c2112	7	35.0	41	9	BX162572	BX162572 Danio rer
2113	7	35.0	41	9	BX241730	BX241730 Danio rer
c2114	7	35.0	41	9	BX534300	BX534300 Arabidops
c2115	7	35.0	41	9	BX893790	BX893790 Arabidops
c2116	7	35.0	41	9	BX945220	BX945220 Arabidops
c2117	7	35.0	41	9	BX947600	BX947600 Arabidops
c2118	7	35.0	41	9	CR400359	CR400359 Arabidops
2119	7	35.0	41	9	DME545598	AJ545598 Drosophil
2120	7	35.0	41	9	DR12P13T	AL746413 Danio rer
2121	7	35.0	41	9	TA123F04P	AL465228 T. brucei
c2122	7	35.0	41	9	TA192A12Q	AL478202 T. brucei
2123	7	35.0	41	9	CC797010	CC797010 SALK_1443
c2124	7	35.0	41	9	CC940939	CC940939 01S0630-0
2125	7	35.0	41	9	CG707500	CG707500 1119002F1
c2126	7	35.0	41	9	CG730875	CG730875 1119130E0
2127	7	35.0	41	9	CG780610	CG780610 1123040F0
2128	7	35.0	41	9	CG782586	CG782586 1123051B0
c2129	7	35.0	41	9	CG784310	CG784310 RRQ113 Ba
c2130	7	35.0	41	9	CL002870	CL002870 02S0169-0
c2131	7	35.0	41	9	CL234260	CL234260 02S0288-0
c2132	7	35.0	41	9	CL234265	CL234265 02S0288-0
c2133	7	35.0	41	9	CL294013	CL294013 02S0349-0
2134	7	35.0	41	9	CL437224	CL437224 PST4766-N
c2135	7	35.0	42	1	AA653910	AA653910 nt08c02.s
2136	7	35.0	42	1	AA778293	AA778293 zf35a01.s
2137	7	35.0	42	1	AI255584	AI255584 ui68g07.x
c2138	7	35.0	42	1	AJ667148	AJ667148 AJ667148
c2139	7	35.0	42	1	AV839107	AV839107 AV839107
c2140	7	35.0	42	1	AV847138	AV847138 AV847138
2141	7	35.0	42	2	BE395464	BE395464 601309989

c2142	7	35.0	42	4	BG921831	BG921831 602822795
2143	7	35.0	42	4	BJ063892	BJ063892 BJ063892
c2144	7	35.0	42	4	BJ079239	BJ079239 BJ079239
2145	7	35.0	42	5	BQ590366	BQ590366 E012842-0
2146	7	35.0	42	6	CB172988	CB172988 OR_2o3C09
c2147	7	35.0	42	6	CD529553	CD529553 03E09 Ara
c2148	7	35.0	42	6	CD747452	CD747452 S2Q3_G10_
c2149	7	35.0	42	7	CO790759	CO790759 NT010C_C0
2150	7	35.0	42	7	CO793299	CO793299 NT017B_G0
c2151	7	35.0	42	7	CR393342	CR393342 CR393342
c2152	7	35.0	42	7	D20672	D20672 HUMGS01648
c2153	7	35.0	42	7	D67707	D67707 CELK076G6F
2154	7	35.0	42	7	H14364	H14364 ym18e07.s1
2155	7	35.0	42	7	H84332	H84332 ys97d09.r1
c2156	7	35.0	42	7	T17635	T17635 mps v360 Th
2157	7	35.0	42	7	T63829	T63829 yc16a08.s1
2158	7	35.0	42	7	T97524	T97524 ye57d12.r1
c2159	7	35.0	42	8	AZ309889	AZ309889 1M0017G14
2160	7	35.0	42	8	AZ377696	AZ377696 1M0132I11
c2161	7	35.0	42	8	AZ382803	AZ382803 1M0140B13
2162	7	35.0	42	8	AZ383427	AZ383427 1M0141N02
c2163	7	35.0	42	8	AZ384907	AZ384907 1M0143E09
c2164	7	35.0	42	8	AZ436662	AZ436662 1M0224E03
2165	7	35.0	42	8	AZ441051	AZ441051 1M0232B05
c2166	7	35.0	42	8	AZ449920	AZ449920 1M0248I20
c2167	7	35.0	42	8	AZ487968	AZ487968 1M0317O20
2168	7	35.0	42	8	AZ491205	AZ491205 1M0324E12
2169	7	35.0	42	8	AZ586660	AZ586660 1M0392B17
c2170	7	35.0	42	8	AZ632020	AZ632020 1M0486P23
c2171	7	35.0	42	8	AZ777765	AZ777765 2M0012K18
c2172	7	35.0	42	8	AZ782757	AZ782757 2M0023H11
2173	7	35.0	42	8	AZ819235	AZ819235 2M0089D15
c2174	7	35.0	42	8	AZ819235	AZ819235 2M0089D15
c2175	7	35.0	42	8	AZ828302	AZ828302 2M0105O11
c2176	7	35.0	42	8	AZ831182	AZ831182 2M0110J16
2177	7	35.0	42	8	AZ924762	AZ924762 4906.id55
2178	7	35.0	42	8	AZ953771	AZ953771 2M0219J08
c2179	7	35.0	42	8	BH624771	BH624771 1007111C0
c2180	7	35.0	42	8	BH639682	BH639682 1008030H0
c2181	7	35.0	42	8	BH641345	BH641345 1008046H0
c2182	7	35.0	42	8	BH849634	BH849634 SALK_0699
2183	7	35.0	42	8	BH905673	BH905673 SALK_1075
2184	7	35.0	42	8	BH913236	BH913236 3526_1_38
c2185	7	35.0	42	8	BH918772	BH918772 3526_1_62
2186	7	35.0	42	8	CC042756	CC042756 3591_1_15
c2187	7	35.0	42	8	CC454440	CC454440 02S2028-0
2188	7	35.0	42	9	AG203830	AG203830 Pan trogl
2189	7	35.0	42	9	AG204495	AG204495 Pan trogl
2190	7	35.0	42	9	AJ596433	AJ596433 Arabidops
2191	7	35.0	42	9	AJ600531	AJ600531 Arabidops
c2192	7	35.0	42	9	BX237905	BX237905 Danio rer
c2193	7	35.0	42	9	BX292544	BX292544 Arabidops
c2194	7	35.0	42	9	BX292674	BX292674 Arabidops
c2195	7	35.0	42	9	BX534299	BX534299 Arabidops
c2196	7	35.0	42	9	BX892263	BX892263 Arabidops
2197	7	35.0	42	9	CR361052	CR361052 Arabidops
c2198	7	35.0	42	9	TA14F10Q	AL452095 T. brucei
2199	7	35.0	42	9	TA242A07Q	AL482536 T. brucei
2200	7	35.0	42	9	CC887153	CC887153 SALK_1496
c2201	7	35.0	42	9	CG466379	CG466379 01S0595-0
2202	7	35.0	42	9	CG707214	CG707214 1119001F0
2203	7	35.0	42	9	CG775368	CG775368 1123025B0
2204	7	35.0	42	9	CG777001	CG777001 1123004E0
c2205	7	35.0	42	9	CL002482	CL002482 02S0105-0
2206	7	35.0	42	9	CL215005	CL215005 M014D02 G
c2207	7	35.0	42	9	CL518880	CL518880 SAF9A12 F
2208	7	35.0	42	9	CL521597	CL521597 SER4D03 F
2209	7	35.0	42	9	CL529030	CL529030 HIV63B05.
c2210	7	35.0	43	1	AA679480	AA679480 ac50d10.s
c2211	7	35.0	43	1	AA724794	AA724794 ai05e05.s
c2212	7	35.0	43	1	AA754675	AA754675 vu20e01.r
2213	7	35.0	43	1	AA927930	AA927930 om23c03.s
2214	7	35.0	43	1	AA937113	AA937113 oc11h08.s
2215	7	35.0	43	1	AA972880	AA972880 op24g03.s
2216	7	35.0	43	1	AI119909	AI119909 uc22b08.r
2217	7	35.0	43	1	AI182198	AI182198 uc64f11.r
2218	7	35.0	43	1	AI282047	AI282047 qq88f07.x
2219	7	35.0	43	1	AI423946	AI423946 tf51d05.x
2220	7	35.0	43	1	AI445221	AI445221 tl85h12.x
2221	7	35.0	43	1	AI583956	AI583956 ts08g08.x
c2222	7	35.0	43	1	AI760832	AI760832 wh96f07.x
c2223	7	35.0	43	1	AI877004	AI877004 vz76d04.r
c2224	7	35.0	43	1	AI883883	AI883883 fc71e03.y
2225	7	35.0	43	1	AJ655420	AJ655420 AJ655420
2226	7	35.0	43	1	AJ666929	AJ666929 AJ666929
c2227	7	35.0	43	1	AA183060	AA183060 mt86a11.r
c2228	7	35.0	43	1	AL669008	AL669008 AL669008
c2229	7	35.0	43	1	AA225184	AA225184 nc22f10.s
2230	7	35.0	43	1	AV850174	AV850174 AV850174
2231	7	35.0	43	1	AV857789	AV857789 AV857789
2232	7	35.0	43	1	AA420395	AA420395 vc51e01.r
2233	7	35.0	43	1	AA450033	AA450033 zx35a06.s
c2234	7	35.0	43	1	AA495842	AA495842 zw05a02.r
c2235	7	35.0	43	1	AA508031	AA508031 ng92c02.s
c2236	7	35.0	43	1	AA522067	AA522067 vi08h09.r
c2237	7	35.0	43	1	AA579190	AA579190 nf32b03.s
c2238	7	35.0	43	2	AV958957	AV958957 AV958957
2239	7	35.0	43	2	BE896209	BE896209 601438919
2240	7	35.0	43	5	BQ593523	BQ593523 S015526-0
2241	7	35.0	43	6	CA964029	CA964029 CcLL02a07
2242	7	35.0	43	6	CA969020	CA969020 CcLX05a18
c2243	7	35.0	43	7	CF308230	CF308230 ABF--01-P
2244	7	35.0	43	7	CO779785	CO779785 BL007D_D0
2245	7	35.0	43	7	CO782826	CO782826 BL016B_D0
c2246	7	35.0	43	7	D67704	D67704 CELK076G3F
2247	7	35.0	43	7	H63217	H63217 yr48f07.r1
2248	7	35.0	43	7	T63536	T63536 yc07c10.s1
2249	7	35.0	43	7	W41103	W41103 mc39h12.r1
2250	7	35.0	43	7	W62611	W62611 md58c07.r1
c2251	7	35.0	43	7	W86565	W86565 zh63h03.r1
2252	7	35.0	43	8	AZ314208	AZ314208 1M0030H21
2253	7	35.0	43	8	AZ345481	AZ345481 1M0080A06
2254	7	35.0	43	8	AZ429988	AZ429988 1M0214C18
2255	7	35.0	43	8	AZ441603	AZ441603 1M0233P22
2256	7	35.0	43	8	AZ473384	AZ473384 1M0289E13
2257	7	35.0	43	8	AZ477149	AZ477149 1M0296B05
2258	7	35.0	43	8	AZ483164	AZ483164 1M0308J07
2259	7	35.0	43	8	AZ585629	AZ585629 1M0390K23
2260	7	35.0	43	8	AZ597699	AZ597699 1M0411B23
c2261	7	35.0	43	8	AZ663242	AZ663242 1M0542I14
c2262	7	35.0	43	8	AZ759934	AZ759934 1M0553L10
c2263	7	35.0	43	8	AZ772462	AZ772462 1M0583B21
c2264	7	35.0	43	8	AZ772660	AZ772660 1M0583A17
c2265	7	35.0	43	8	AZ798067	AZ798067 2M0054J12
2266	7	35.0	43	8	AZ949460	AZ949460 2M0212P24
c2267	7	35.0	43	8	BH624273	BH624273 1007105F1
c2268	7	35.0	43	8	BH803232	BH803232 1008099H1
2269	7	35.0	43	8	BH851950	BH851950 SALK_0737
2270	7	35.0	43	8	BH896087	BH896087 3526_1_36
2271	7	35.0	43	8	BH907878	BH907878 SALK_0445
2272	7	35.0	43	8	BH911366	BH911366 SALK_0681
2273	7	35.0	43	8	BH912963	BH912963 3526_1_37
c2274	7	35.0	43	8	BZ352534	BZ352534 SALK_0809
2275	7	35.0	43	8	BZ583639	BZ583639 3590_1_52
2276	7	35.0	43	8	BZ661681	BZ661681 SALK_0251
2277	7	35.0	43	8	BZ767248	BZ767248 SALK_1385
c2278	7	35.0	43	8	BZ768861	BZ768861 SALK_1409
c2279	7	35.0	43	8	CC050258	CC050258 01S0532-0
2280	7	35.0	43	8	CC053600	CC053600 SALK_0455
c2281	7	35.0	43	8	CC199674	CC199674 XH618 Bay
2282	7	35.0	43	8	CC456569	CC456569 SALK_0993
c2283	7	35.0	43	9	AJ594063	AJ594063 Arabidops
c2284	7	35.0	43	9	AJ595483	AJ595483 Arabidops
2285	7	35.0	43	9	AJ599570	AJ599570 Arabidops
2286	7	35.0	43	9	BX661751	BX661751 Arabidops
c2287	7	35.0	43	9	BX892166	BX892166 Arabidops

2288	7	35.0	43	9	CR399471	CR399471 Arabidops	2361	7	35.0	44	9	CG778297	CG778297 1123027G0
c2289	7	35.0	43	9	TA116A09P	AL462512 T. brucei	2362	7	35.0	44	9	CG779619	CG779619 1123035A1
c2290	7	35.0	43	9	CC886083	CC886083 SALK_1481	2363	7	35.0	44	9	CG782006	CG782006 1123048A1
c2291	7	35.0	43	9	CG466683	CG466683 01S0621-0	2364	7	35.0	44	9	CG802823	CG802823 1118035A0
c2292	7	35.0	43	9	CG732597	CG732597 1119149F0	c2365	7	35.0	44	9	CG847080	CG847080 01S0596-0
c2293	7	35.0	43	9	CG773314	CG773314 1123016C0	2366	7	35.0	44	9	CL213331	CL213331 W128B06 G
2294	7	35.0	43	9	CG779317	CG779317 1123033D0	c2367	7	35.0	44	9	CL233849	CL233849 01S0638-0
2295	7	35.0	43	9	CG779640	CG779640 1123035B1	c2368	7	35.0	44	9	CL234775	CL234775 03S3051-0
c2296	7	35.0	43	9	CG803673	CG803673 1118044H1	2369	7	35.0	44	9	CL315378	CL315378 RRU598 Ba
c2297	7	35.0	43	9	CL002097	CL002097 01S0707-0	c2370	7	35.0	44	9	CL983251	CL983251 GC0490 TI
c2298	7	35.0	43	9	CL002135	CL002135 01S0707-0	2371	7	35.0	45	1	AA812181	AA812181 oa97f05.s
c2299	7	35.0	43	9	CL234584	CL234584 02S0422-0	2372	7	35.0	45	1	AJ651025	AJ651025 AJ651025
c2300	7	35.0	43	9	CL300641	CL300641 02S0349-0	2373	7	35.0	45	1	AL644620	AL644620 AL644620
c2301	7	35.0	43	9	CL300658	CL300658 02S0349-0	2374	7	35.0	45	1	AU256777	AU256777 AU256777
2302	7	35.0	44	1	AJ749659	AJ749659 AJ749659	c2375	7	35.0	45	1	AV832629	AV832629 AV832629
2303	7	35.0	44	1	AU254169	AU254169 AU254169	c2376	7	35.0	45	1	AV833081	AV833081 AV833081
c2304	7	35.0	44	1	AU260326	AU260326 AU260326	2377	7	35.0	45	2	AV971427	AV971427 AV971427
c2305	7	35.0	44	1	AV833755	AV833755 AV833755	c2378	7	35.0	45	4	BG718986	BG718986 602699290
c2306	7	35.0	44	1	AA502639	AA502639 ne42f07.s	c2379	7	35.0	45	4	BG932736	BG932736 h91-60 h9
c2307	7	35.0	44	1	AA508066	AA508066 ng92f11.s	2380	7	35.0	45	4	BI598094	BI598094 603252333
c2308	7	35.0	44	1	AA566142	AA566142 ESTKB041	2381	7	35.0	45	4	BI601807	BI601807 603245875
c2309	7	35.0	44	4	BI106206	BI106206 602890810	c2382	7	35.0	45	4	BI772215	BI772215 603056165
c2310	7	35.0	44	4	BI729694	BI729694 603349384	2383	7	35.0	45	5	BQ590953	BQ590953 E012598-0
2311	7	35.0	44	4	BJ034612	BJ034612 BJ034612	c2384	7	35.0	45	7	CF295833	CF295833 30DGS--05
2312	7	35.0	44	5	BQ590319	BQ590319 E012839-0	2385	7	35.0	45	7	CO578335	CO578335 TvEST091H
2313	7	35.0	44	6	CA898079	CA898079 PCEP04215	c2386	7	35.0	45	7	D44716	D44716 HUMSUPY126
c2314	7	35.0	44	7	CF328965	CF328965 NACL--04-	c2387	7	35.0	45	7	H75777	H75777 yu08h02.s1
c2315	7	35.0	44	7	CF661569	CF661569 CcLL10a35	c2388	7	35.0	45	7	T74603	T74603 yc57f11.s1
2316	7	35.0	44	7	H55075	H55075 CHR220014 C	2389	7	35.0	45	8	AZ345557	AZ345557 1M0080G14
c2317	7	35.0	44	7	H92874	H92874 yt91g11.s1	2390	7	35.0	45	8	AZ345869	AZ345869 1M0080K14
2318	7	35.0	44	8	AZ340697	AZ340697 1M0072G05	c2391	7	35.0	45	8	AZ381727	AZ381727 1M0138J21
2319	7	35.0	44	8	AZ345507	AZ345507 1M0080H03	2392	7	35.0	45	8	AZ387836	AZ387836 1M0147G24
2320	7	35.0	44	8	AZ492304	AZ492304 1M0326C21	c2393	7	35.0	45	8	AZ463497	AZ463497 1M0272D23
2321	7	35.0	44	8	AZ512770	AZ512770 1M0358O02	2394	7	35.0	45	8	AZ482013	AZ482013 1M0306H14
c2322	7	35.0	44	8	AZ595168	AZ595168 1M0407C07	2395	7	35.0	45	8	AZ487207	AZ487207 1M0316E10
2323	7	35.0	44	8	AZ601755	AZ601755 1M0420K11	2396	7	35.0	45	8	AZ494342	AZ494342 1M0329I01
c2324	7	35.0	44	8	AZ615424	AZ615424 1M0444F17	c2397	7	35.0	45	8	AZ575902	AZ575902 AST-T22B0
c2325	7	35.0	44	8	AZ820898	AZ820898 2M0093K21	c2398	7	35.0	45	8	AZ590180	AZ590180 1M0399D07
c2326	7	35.0	44	8	AZ833874	AZ833874 2M0116E15	2399	7	35.0	45	8	AZ664779	AZ664779 1M0545D22
c2327	7	35.0	44	8	AZ859546	AZ859546 2M0165N08	2400	7	35.0	45	8	AZ809438	AZ809438 2M0073M23
c2328	7	35.0	44	8	AZ865079	AZ865079 2M0175H04	c2401	7	35.0	45	8	AZ814276	AZ814276 2M0082K05
c2329	7	35.0	44	8	AZ969520	AZ969520 2M0242M15	c2402	7	35.0	45	8	AZ828142	AZ828142 2M0104P24
2330	7	35.0	44	8	BH622009	BH622009 1007116A1	c2403	7	35.0	45	8	BH791784	BH791784 SALK_0612
2331	7	35.0	44	8	BH630484	BH630484 1007088F1	c2404	7	35.0	45	8	BH792621	BH792621 SALK_0648
c2332	7	35.0	44	8	BH644113	BH644113 1008054G0	c2405	7	35.0	45	8	BH810203	BH810203 SALK_0442
c2333	7	35.0	44	8	BH645035	BH645035 1008053E0	2406	7	35.0	45	8	BH846940	BH846940 SALK_0120
2334	7	35.0	44	8	BH805307	BH805307 1008066B0	c2407	7	35.0	45	8	BH854946	BH854946 SALK_0871
c2335	7	35.0	44	8	BH808431	BH808431 1008079G1	c2408	7	35.0	45	8	BH865137	BH865137 SALK_0974
2336	7	35.0	44	8	BH846596	BH846596 SALK_0090	c2409	7	35.0	45	8	BH865142	BH865142 SALK_0974
2337	7	35.0	44	8	BH889142	BH889142 3526_1_32	2410	7	35.0	45	8	BH895159	BH895159 3526_1_33
2338	7	35.0	44	8	BH890625	BH890625 3526_1_14	2411	7	35.0	45	8	BH902833	BH902833 SALK_1010
2339	7	35.0	44	8	BH892271	BH892271 3526_1_20	2412	7	35.0	45	8	BH914262	BH914262 3526_1_42
2340	7	35.0	44	8	BH913445	BH913445 3526_1_39	2413	7	35.0	45	8	BH916406	BH916406 3526_1_52
c2341	7	35.0	44	8	BZ768068	BZ768068 SALK_1397	2414	7	35.0	45	8	BH917826	BH917826 3526_1_57
2342	7	35.0	44	8	CC027753	CC027753 3591_1_6_	2415	7	35.0	45	8	BZ662274	BZ662274 SALK_0257
2343	7	35.0	44	9	AG197270	AG197270 Pan trogl	2416	7	35.0	45	8	BZ768152	BZ768152 SALK_1398
2344	7	35.0	44	9	AG201941	AG201941 Pan trogl	2417	7	35.0	45	8	CC019898	CC019898 3591_1_17
2345	7	35.0	44	9	AJ592235	AJ592235 Arabidops	2418	7	35.0	45	8	CC038133	CC038133 3591_1_92
2346	7	35.0	44	9	AL765842	AL765842 Arabidops	c2419	7	35.0	45	8	CC178546	CC178546 NPX482 Ba
2347	7	35.0	44	9	AL944916	AL944916 Arabidops	c2420	7	35.0	45	9	AG188702	AG188702 Pan trogl
2348	7	35.0	44	9	AL944917	AL944917 Arabidops	c2421	7	35.0	45	9	AG189005	AG189005 Pan trogl
2349	7	35.0	44	9	BX174336	BX174336 Danio rer	c2422	7	35.0	45	9	AG193394	AG193394 Pan trogl
2350	7	35.0	44	9	BX221218	BX221218 Danio rer	c2423	7	35.0	45	9	AG194008	AG194008 Pan trogl
2351	7	35.0	44	9	BX892414	BX892414 Arabidops	c2424	7	35.0	45	9	AG215464	AG215464 Drosophil
2352	7	35.0	44	9	BX893462	BX893462 Arabidops	2425	7	35.0	45	9	AJ589214	AJ589214 Arabidops
2353	7	35.0	44	9	BX897584	BX897584 Arabidops	c2426	7	35.0	45	9	BX189762	BX189762 Danio rer
2354	7	35.0	44	9	CR399731	CR399731 Arabidops	c2427	7	35.0	45	9	BX199295	BX199295 Danio rer
2355	7	35.0	44	9	DME545444	AJ545444 Drosophil	2428	7	35.0	45	9	BX651940	BX651940 Arabidops
2356	7	35.0	44	9	TA320A09Q	AL491821 T. brucei	2429	7	35.0	45	9	BX662880	BX662880 Arabidops
2357	7	35.0	44	9	CG715802	CG715802 1119043D0	c2430	7	35.0	45	9	CC887921	CC887921 SALK_1510
c2358	7	35.0	44	9	CG731833	CG731833 1119143H1	2431	7	35.0	45	9	CG772769	CG772769 1123012B0
2359	7	35.0	44	9	CG775375	CG775375 1123025C0	2432	7	35.0	45	9	CG773249	CG773249 1123016A0
2360	7	35.0	44	9	CG777939	CG777939 1123024A0	2433	7	35.0	45	9	CG773975	CG773975 1123015F0

2434	7	35.0	45	9	CG776644	CG776644 1123002D1
2435	7	35.0	45	9	CG777887	CG777887 1123011F0
2436	7	35.0	45	9	CG778333	CG778333 1123028A1
2437	7	35.0	45	9	CG780858	CG780858 1123041H0
2438	7	35.0	45	9	CG781052	CG781052 1123043B0
c2439	7	35.0	45	9	CL002902	CL002902 02S0169-0
c2440	7	35.0	45	9	CL002904	CL002904 02S0169-0
c2441	7	35.0	45	9	CL213628	CL213628 F057C04 G
c2442	7	35.0	45	9	CL256622	CL256622 XP0528 Sa
c2443	7	35.0	45	9	CL652533	CL652533 PRI0115a_
c2444	7	35.0	46	1	AA008276	AA008276 mg69b08.r
c2445	7	35.0	46	1	AA010457	AA010457 ze18e03.r
2446	7	35.0	46	1	AA064553	AA064553 ml35b02.r
c2447	7	35.0	46	1	AA681423	AA681423 vr41f08.s
c2448	7	35.0	46	1	AA714376	AA714376 nw20b06.s
2449	7	35.0	46	1	AA716006	AA716006 zh26b12.s
2450	7	35.0	46	1	AA729084	AA729084 nw03d07.s
c2451	7	35.0	46	1	AA834462	AA834462 oe44b08.s
2452	7	35.0	46	1	AA837899	AA837899 oe40d03.s
2453	7	35.0	46	1	AA905936	AA905936 oj83b02.s
c2454	7	35.0	46	1	AA914960	AA914960 vy97g12.r
c2455	7	35.0	46	1	AA916309	AA916309 on64a06.s
2456	7	35.0	46	1	AA922880	AA922880 oi50h06.s
c2457	7	35.0	46	1	AA936184	AA936184 om06d04.s
2458	7	35.0	46	1	AA985334	AA985334 am79g08.s
c2459	7	35.0	46	1	AA987637	AA987637 or93d11.s
c2460	7	35.0	46	1	AI153463	AI153463 uc53e11.r
2461	7	35.0	46	1	AI185186	AI185186 qe35f12.s
c2462	7	35.0	46	1	AI187871	AI187871 qe08g11.x
2463	7	35.0	46	1	AI336024	AI336024 qt42g12.x
c2464	7	35.0	46	1	AA105291	AA105291 mp36g11.r
c2465	7	35.0	46	1	AI426601	AI426601 mm65a11.x
c2466	7	35.0	46	1	AI463335	AI463335 vw61d08.x
2467	7	35.0	46	1	AI529260	AI529260 ui66g11.y
c2468	7	35.0	46	1	AI610078	AI610078 tw17a03.x
c2469	7	35.0	46	1	AI653818	AI653818 ty01g12.x
2470	7	35.0	46	1	AI941237	AI941237 sb86c06.y
c2471	7	35.0	46	1	AJ648924	AJ648924 AJ648924
2472	7	35.0	46	1	AJ691901	AJ691901 AJ691901
c2473	7	35.0	46	1	AJ749667	AJ749667 AJ749667
2474	7	35.0	46	1	AA152923	AA152923 mr89h01.r
2475	7	35.0	46	1	AL038653	AL038653 DKFZp566I
2476	7	35.0	46	1	AU267776	AU267776 AU267776
c2477	7	35.0	46	1	AA259732	AA259732 va47d09.r
c2478	7	35.0	46	1	AA399336	AA399336 zt49c12.r
2479	7	35.0	46	1	AA446739	AA446739 zw89a03.r
c2480	7	35.0	46	1	AA461796	AA461796 vf94f03.r
2481	7	35.0	46	1	AA502903	AA502903 ne42a10.s
c2482	7	35.0	46	1	AA512536	AA512536 vg40b02.r
2483	7	35.0	46	1	AA515007	AA515007 nf54e08.s
c2484	7	35.0	46	1	AA521681	AA521681 vi07e01.r
c2485	7	35.0	46	1	AA524270	AA524270 ng34d02.s
c2486	7	35.0	46	2	BE536269	BE536269 601062658
c2487	7	35.0	46	2	BF167694	BF167694 601774417
2488	7	35.0	46	4	BF983620	BF983620 602304738
c2489	7	35.0	46	5	BQ583495	BQ583495 E011979-0
2490	7	35.0	46	5	BQ590234	BQ590234 E012843-0
c2491	7	35.0	46	6	C02279	C02279 HUMGS000664
2492	7	35.0	46	6	CA587020	CA587020 LBG26p54
2493	7	35.0	46	6	CA587378	CA587378 LBE11p65P
c2494	7	35.0	46	6	CA591706	CA591706 021 cDNAs
2495	7	35.0	46	7	D19556	D19556 MUSGS00956
c2496	7	35.0	46	7	H25062	H25062 yl31a01.r1
c2497	7	35.0	46	7	H25729	H25729 yl54e12.r1
2498	7	35.0	46	7	H68899	H68899 yr86a03.r1
2499	7	35.0	46	7	R87862	R87862 yo45f03.r1
c2500	7	35.0	46	7	R87862	R87862 yo45f03.r1
2501	7	35.0	46	7	T98810	T98810 ye62c04.s1
2502	7	35.0	46	8	AZ318180	AZ318180 1M0037J10
c2503	7	35.0	46	8	AZ404113	AZ404113 1M0172A15
2504	7	35.0	46	8	AZ440020	AZ440020 1M0230H20
2505	7	35.0	46	8	AZ584888	AZ584888 1M0389A01
2506	7	35.0	46	8	AZ632597	AZ632597 1M0487N15
2507	7	35.0	46	8	AZ666500	AZ666500 1M0548K12
c2508	7	35.0	46	8	AZ807543	AZ807543 2M0070O21
c2509	7	35.0	46	8	AZ833980	AZ833980 2M0116K21
2510	7	35.0	46	8	AZ843245	AZ843245 2M0142H03
c2511	7	35.0	46	8	AZ960044	AZ960044 2M0227M23
2512	7	35.0	46	8	AZ982903	AZ982903 2M0263D23
2513	7	35.0	46	8	BH623606	BH623606 1007080A0
c2514	7	35.0	46	8	BH626625	BH626625 1007111E0
c2515	7	35.0	46	8	BH805286	BH805286 1008066A0
c2516	7	35.0	46	8	BH847257	BH847257 SALK_0507
2517	7	35.0	46	8	BH853381	BH853381 SALK_0769
c2518	7	35.0	46	8	BH854071	BH854071 SALK_0786
2519	7	35.0	46	8	BH901988	BH901988 SALK_0910
2520	7	35.0	46	8	BH904918	BH904918 SALK_1053
2521	7	35.0	46	8	BH913039	BH913039 3526_1_38
2522	7	35.0	46	8	BZ664547	BZ664547 SALK_0761
2523	7	35.0	46	8	BZ766198	BZ766198 SALK_1369
c2524	7	35.0	46	8	BZ766311	BZ766311 SALK_1372
c2525	7	35.0	46	9	AG223095	AG223095 Lotus cor
c2526	7	35.0	46	9	AG225164	AG225164 Lotus cor
c2527	7	35.0	46	9	AG232171	AG232171 Lotus cor
2528	7	35.0	46	9	AJ600284	AJ600284 Arabidops
2529	7	35.0	46	9	AL751480	AL751480 Arabidops
c2530	7	35.0	46	9	AL751508	AL751508 Arabidops
c2531	7	35.0	46	9	BX128094	BX128094 Danio rer
c2532	7	35.0	46	9	BX211925	BX211925 Danio rer
2533	7	35.0	46	9	BX534959	BX534959 Arabidops
2534	7	35.0	46	9	BX651534	BX651534 Arabidops
c2535	7	35.0	46	9	CR770256	CR770256 Arabidops
2536	7	35.0	46	9	DME547151	AJ547151 Drosophil
c2537	7	35.0	46	9	CC797215	CC797215 SALK_1446
2538	7	35.0	46	9	CG778491	CG778491 1123029A0
2539	7	35.0	46	9	CG782542	CG782542 1123050H0
2540	7	35.0	46	9	CG800366	CG800366 1118011A0
2541	7	35.0	46	9	CG869107	CG869107 AC0173 Sa
c2542	7	35.0	46	9	CG892412	CG892412 01S0720-0
c2543	7	35.0	46	9	CG892428	CG892428 01S0720-0
c2544	7	35.0	46	9	CL212086	CL212086 W024A03 G
2545	7	35.0	46	9	CL213825	CL213825 M045C05 G
c2546	7	35.0	46	9	CL234601	CL234601 02S0422-0
2547	7	35.0	46	9	CL303482	CL303482 M017C07 G
c2548	7	35.0	46	9	CL308417	CL308417 03F3668-0
2549	7	35.0	46	9	CL690319	CL690319 PRI0153c_
2550	7	35.0	46	9	CL982964	CL982964 GC0195 TI
2551	7	35.0	46	9	CL982973	CL982973 GC0207 TI
2552	7	35.0	47	1	AI310826	AI310826 qo93h12.x
2553	7	35.0	47	1	AU013880	AU013880 AU013880
c2554	7	35.0	47	1	AV851161	AV851161 AV851161
2555	7	35.0	47	1	AA588652	AA588652 nj30g09.s
2556	7	35.0	47	2	AV962512	AV962512 AV962512
2557	7	35.0	47	2	BE619449	BE619449 601473280
2558	7	35.0	47	2	BE732251	BE732251 601568096
c2559	7	35.0	47	4	BG404659	BG404659 602420817
c2560	7	35.0	47	7	CF107684	CF107684 Shultzomi
c2561	7	35.0	47	7	CN752915	CN752915 ApHL3LD-V
2562	7	35.0	47	7	CO739755	CO739755 S1LB06a24
c2563	7	35.0	47	7	T12643	T12643 CHR90163 Ch
c2564	7	35.0	47	8	AZ314845	AZ314845 1M0031O17
2565	7	35.0	47	8	AZ321991	AZ321991 1M0042O14
2566	7	35.0	47	8	AZ350294	AZ350294 1M0087H14
2567	7	35.0	47	8	AZ446195	AZ446195 1M0242H01
c2568	7	35.0	47	8	AZ456039	AZ456039 1M0258J08
2569	7	35.0	47	8	AZ509442	AZ509442 1M0352G23
2570	7	35.0	47	8	AZ634774	AZ634774 1M0490F16
2571	7	35.0	47	8	AZ763963	AZ763963 1M0559J09
2572	7	35.0	47	8	AZ765988	AZ765988 1M0563B17
2573	7	35.0	47	8	AZ778260	AZ778260 2M0013N11
2574	7	35.0	47	8	AZ795746	AZ795746 2M0051F07
c2575	7	35.0	47	8	AZ806007	AZ806007 2M0067I14
c2576	7	35.0	47	8	AZ809179	AZ809179 2M0073M03
c2577	7	35.0	47	8	AZ822668	AZ822668 2M0096B09
c2578	7	35.0	47	8	AZ843553	AZ843553 2M0142A03
c2579	7	35.0	47	8	AZ974877	AZ974877 2M0249N10

c2580	7	35.0	47	8	BH172210	BH172210 SALK_0053
2581	7	35.0	47	8	BH640310	BH640310 1008035A0
c2582	7	35.0	47	8	BH849286	BH849286 SALK_0694
c2583	7	35.0	47	8	BH850059	BH850059 SALK_0707
2584	7	35.0	47	8	BH862481	BH862481 SALK_0899
c2585	7	35.0	47	8	BH901057	BH901057 KG08638-5
c2586	7	35.0	47	8	BZ352402	BZ352402 SALK_0802
c2587	7	35.0	47	8	BZ352909	BZ352909 SALK_1194
2588	7	35.0	47	8	BZ353192	BZ353192 SALK_1199
c2589	7	35.0	47	8	BZ357028	BZ357028 SALK_1301
2590	7	35.0	47	8	BZ380035	BZ380035 SALK_1144
2591	7	35.0	47	8	BZ597017	BZ597017 SALK_0992
2592	7	35.0	47	8	CC018811	CC018811 3591_1_12
c2593	7	35.0	47	8	CC035488	CC035488 3591_1_75
2594	7	35.0	47	8	CC044974	CC044974 3591_1_16
2595	7	35.0	47	8	CC456771	CC456771 SALK_1003
2596	7	35.0	47	9	AG216482	AG216482 Drosophil
2597	7	35.0	47	9	AJ598478	AJ598478 Arabidops
c2598	7	35.0	47	9	AJ600982	AJ600982 Arabidops
c2599	7	35.0	47	9	BX288161	BX288161 Arabidops
2600	7	35.0	47	9	BX893758	BX893758 Arabidops
2601	7	35.0	47	9	DME545250	AJ545250 Drosophil
2602	7	35.0	47	9	DR30F13S	AL746930 Danio rer
c2603	7	35.0	47	9	TA162G08Q	AL475144 T. brucei
c2604	7	35.0	47	9	CG426758	CG426758 01S0623-0
c2605	7	35.0	47	9	CG707289	CG707289 1119001H0
c2606	7	35.0	47	9	CG721132	CG721132 1119065E0
2607	7	35.0	47	9	CG779432	CG779432 1123034C0
c2608	7	35.0	47	9	CG918674	CG918674 01S0556-0
c2609	7	35.0	47	9	CL213643	CL213643 W194A04 G
2610	7	35.0	47	9	CL213837	CL213837 M042B03 G
c2611	7	35.0	47	9	CL234529	CL234529 02S0422-0
c2612	7	35.0	47	9	CL265276	CL265276 RRU358 Ba
2613	7	35.0	47	9	CL302054	CL302054 P009H04 G
c2614	7	35.0	47	9	CL302666	CL302666 G064A04 G
2615	7	35.0	47	9	CL439534	CL439534 PST9467-N
c2616	7	35.0	48	1	AA973269	AA973269 ol90g05.s
c2617	7	35.0	48	1	AJ805238	AJ805238
2618	7	35.0	48	1	AU255152	AU255152 AU255152
2619	7	35.0	48	1	AU255865	AU255865 AU255865
c2620	7	35.0	48	1	AV832607	AV832607 AV832607
c2621	7	35.0	48	1	AV847374	AV847374 AV847374
c2622	7	35.0	48	1	AA484789	AA484789 ng09a11.s
c2623	7	35.0	48	4	BG705927	BG705927 602669238
c2624	7	35.0	48	4	BG716497	BG716497 602676222
c2625	7	35.0	48	4	BI158707	BI158707 602921788
2626	7	35.0	48	4	BI456893	BI456893 603174412
2627	7	35.0	48	4	BI456900	BI456900 603174420
c2628	7	35.0	48	4	BI458209	BI458209 603199147
c2629	7	35.0	48	4	BI461809	BI461809 603207515
c2630	7	35.0	48	4	BI906001	BI906001 603062308
c2631	7	35.0	48	4	BJ014884	BJ014884 BJ014884
c2632	7	35.0	48	5	BP075319	BP075319 BP075319
c2633	7	35.0	48	5	BW590884	BW590884 BW590884
2634	7	35.0	48	5	BX555460	BX555460 BX555460
c2635	7	35.0	48	7	CF973385	CF973385 PSU_blon3
2636	7	35.0	48	7	CO739707	CO739707 S1LB06a24
c2637	7	35.0	48	7	H13556	H13556 yj15g10.s1
2638	7	35.0	48	7	R77621	R77621 yi76e12.r1
c2639	7	35.0	48	7	T73095	T73095 yc67a02.s1
c2640	7	35.0	48	7	Z20559	Z20559 HSAAACKCU T
c2641	7	35.0	48	8	AQ026239	AQ026239 l(3)L1170
2642	7	35.0	48	8	AZ300927	AZ300927 EP(2)2078
c2643	7	35.0	48	8	AZ341545	AZ341545 1M0073P24
c2644	7	35.0	48	8	AZ344159	AZ344159 1M0078G03
2645	7	35.0	48	8	AZ367613	AZ367613 1M0117O16
2646	7	35.0	48	8	AZ371084	AZ371084 1M0122C03
2647	7	35.0	48	8	AZ443721	AZ443721 1M0238D08
2648	7	35.0	48	8	AZ452059	AZ452059 1M0251P12
2649	7	35.0	48	8	AZ621115	AZ621115 1M0454F07
2650	7	35.0	48	8	AZ623449	AZ623449 1M0461B16
2651	7	35.0	48	8	AZ767769	AZ767769 1M0567H13
2652	7	35.0	48	8	AZ796512	AZ796512 2M0052H18
c2653	7	35.0	48	8	AZ800533	AZ800533 2M0058A12
c2654	7	35.0	48	8	AZ832603	AZ832603 2M0113E11
c2655	7	35.0	48	8	AZ838679	AZ838679 2M0134P22
c2656	7	35.0	48	8	AZ974022	AZ974022 2M0248O19
2657	7	35.0	48	8	BH626386	BH626386 1007113H0
c2658	7	35.0	48	8	BH637902	BH637902 1008019D0
c2659	7	35.0	48	8	BH791670	BH791670 SALK_0608
c2660	7	35.0	48	8	BH798621	BH798621 1008121E0
c2661	7	35.0	48	8	BH896737	BH896737 3526_1_5_
2662	7	35.0	48	8	BH901580	BH901580 SALK_0832
2663	7	35.0	48	8	BH904917	BH904917 SALK_1053
c2664	7	35.0	48	8	BH906075	BH906075 SALK_1091
2665	7	35.0	48	8	BH907010	BH907010 SALK_0372
c2666	7	35.0	48	8	BH910099	BH910099 SALK_0577
2667	7	35.0	48	8	BH913087	BH913087 3526_1_38
2668	7	35.0	48	8	BZ290243	BZ290243 SALK_0236
c2669	7	35.0	48	8	BZ762165	BZ762165 SALK_0918
2670	7	35.0	48	8	BZ764757	BZ764757 SALK_1267
c2671	7	35.0	48	8	CC020635	CC020635 3591_1_20
c2672	7	35.0	48	8	CC026876	CC026876 3591_1_55
2673	7	35.0	48	8	CC029837	CC029837 3591_1_11
2674	7	35.0	48	8	CC053916	CC053916 SALK_0505
c2675	7	35.0	48	9	AL752055	AL752055 Arabidops
2676	7	35.0	48	9	AL950922	AL950922 Arabidops
2677	7	35.0	48	9	BX230823	BX230823 Danio rer
2678	7	35.0	48	9	BX285985	BX285985 Arabidops
c2679	7	35.0	48	9	BX650400	BX650400 Arabidops
c2680	7	35.0	48	9	BX661865	BX661865 Arabidops
2681	7	35.0	48	9	BX663386	BX663386 Arabidops
2682	7	35.0	48	9	CR401477	CR401477 Arabidops
2683	7	35.0	48	9	TA181B03P	AL474318 T. brucei
c2684	7	35.0	48	9	TA207C01Q	AL475833 T. brucei
c2685	7	35.0	48	9	TA293E05P	AL485262 T. brucei
c2686	7	35.0	48	9	TA78C03Q	AL460199 T. brucei
2687	7	35.0	48	9	TA80E08P	AL461443 T. brucei
2688	7	35.0	48	9	TA81F05P	AL461730 T. brucei
2689	7	35.0	48	9	CC798509	CC798509 SALK_1464
2690	7	35.0	48	9	CC888613	CC888613 SALK_1521
c2691	7	35.0	48	9	CG722181	CG722181 1119070G0
c2692	7	35.0	48	9	CG722195	CG722195 1119070H0
c2693	7	35.0	48	9	CG732064	CG732064 1119146A0
c2694	7	35.0	48	9	CG732139	CG732139 1119146D0
c2695	7	35.0	48	9	CG732302	CG732302 1119147D0
2696	7	35.0	48	9	CG780490	CG780490 1123040A1
2697	7	35.0	48	9	CG784760	CG784760 RRR446 Ba
c2698	7	35.0	48	9	CL459113	CL459113 AD0721 Sa
2699	7	35.0	48	9	CL517328	CL517328 SAC1A04 F
c2700	7	35.0	48	9	CL522449	CL522449 SAM4A09 F
c2701	7	35.0	48	9	CL639578	CL639578 Q007E07 G
c2702	7	35.0	48	9	CL903365	CL903365 RRX130 Ba
c2703	7	35.0	48	9	CL983060	CL983060 GC0298 TI
c2704	7	35.0	49	1	AA013635	AA013635 mh12a02.r
2705	7	35.0	49	1	AA041234	AA041234 zf07f06.r
2706	7	35.0	49	1	AA644935	AA644935 vs84f04.r
c2707	7	35.0	49	1	AA648244	AA648244 ns07h03.r
2708	7	35.0	49	1	AA657267	AA657267 vr27d07.r
2709	7	35.0	49	1	AA691190	AA691190 vt34c05.r
2710	7	35.0	49	1	AA701048	AA701048 zg57b01.s
c2711	7	35.0	49	1	AA726836	AA726836 vu94g12.r
2712	7	35.0	49	1	AA771845	AA771845 ai36e09.s
c2713	7	35.0	49	1	AA795140	AA795140 vq94b01.r
c2714	7	35.0	49	1	AA885813	AA885813 oj35d05.s
c2715	7	35.0	49	1	AA906648	AA906648 ol02a04.s
2716	7	35.0	49	1	AA912235	AA912235 ol93c08.s
2717	7	35.0	49	1	AA937878	AA937878 nw90e07.s
c2718	7	35.0	49	1	AA986590	AA986590 uc81g03.y
2719	7	35.0	49	1	AI018531	AI018531 ou24f12.x
c2720	7	35.0	49	1	AI021127	AI021127 ub01f05.r
2721	7	35.0	49	1	AI046884	AI046884 uh36c11.r
c2722	7	35.0	49	1	AI046884	AI046884 uh36c11.r
2723	7	35.0	49	1	AI119987	AI119987 uc25b04.r
2724	7	35.0	49	1	AI149516	AI149516 qc70e03.x
c2725	7	35.0	49	1	AI168783	AI168783 ox71d05.s

c2726	7	35.0	49	1	AI355789	AI355789 qt94f03.x
2727	7	35.0	49	1	AA079149	AA079149 zm95c02.r
c2728	7	35.0	49	1	AA109988	AA109988 ml60e02.r
2729	7	35.0	49	1	AI444379	AI444379 fb26f01.x
c2730	7	35.0	49	1	AI521631	AI521631 to65h01.x
c2731	7	35.0	49	1	AI526824	AI526824 uj43d02.y
2732	7	35.0	49	1	AI755494	AI755494 EtESTea37
c2733	7	35.0	49	1	AI758169	AI758169 ty70c07.x
c2734	7	35.0	49	1	AI829100	AI829100 wj38f09.x
c2735	7	35.0	49	1	AI938114	AI938114 sc43a01.x
2736	7	35.0	49	1	AJ666325	AJ666325 AJ666325
2737	7	35.0	49	1	AA204601	AA204601 mu25c05.r
2738	7	35.0	49	1	AA270582	AA270582 va69b12.r
2739	7	35.0	49	1	AV832413	AV832413 AV832413
c2740	7	35.0	49	1	AV832641	AV832641 AV832641
c2741	7	35.0	49	1	AA433816	AA433816 zw29c01.r
c2742	7	35.0	49	1	AA452733	AA452733 zx35f02.r
2743	7	35.0	49	1	AA519605	AA519605 TgESTzz42
c2744	7	35.0	49	1	AA519644	AA519644 TgESTzz42
c2745	7	35.0	49	2	BF740213	BF740213 hu57b11.x
2746	7	35.0	49	2	AW432778	AW432778 sh82h02.y
c2747	7	35.0	49	2	BE282036	BE282036 601102010
2748	7	35.0	49	2	BE739587	BE739587 601556558
2749	7	35.0	49	2	BE914650	BE914650 601665158
c2750	7	35.0	49	4	BG408724	BG408724 gb77g10.y
c2751	7	35.0	49	4	BI518984	BI518984 603062281
2752	7	35.0	49	4	BM307546	BM307546 sak30f06.
c2753	7	35.0	49	4	BM862480	BM862480 mgcm003xC
2754	7	35.0	49	5	BU634561	BU634561 005G01 In
c2755	7	35.0	49	5	BX549706	BX549706 BX549706
c2756	7	35.0	49	6	CA585575	CA585575 LBH29p25P
2757	7	35.0	49	6	CB098960	CB098960 ks03c10.y
2758	7	35.0	49	6	CB188144	CB188144 ks24f11.y
2759	7	35.0	49	6	CD743801	CD743801 IRB16_B08
2760	7	35.0	49	7	CF099786	CF099786 rd77d06.y
2761	7	35.0	49	7	CK984883	CK984883 re47b04.y
c2762	7	35.0	49	7	CN751535	CN751535 ApHL3SD-X
2763	7	35.0	49	7	CN751726	CN751726 ApHL3SD-X
c2764	7	35.0	49	7	CN752281	CN752281 ApHL3SD-X
2765	7	35.0	49	7	H44851	H44851 yo03d09.r1
c2766	7	35.0	49	7	R46224	R46224 yj53h07.s1
c2767	7	35.0	49	7	T61491	T61491 yc06g01.r1
2768	7	35.0	49	7	W39290	W39290 zc76g04.r1
2769	7	35.0	49	8	AF190832	AF190832 AF190832
2770	7	35.0	49	8	AZ307067	AZ307067 1M0008I23
c2771	7	35.0	49	8	AZ500888	AZ500888 1M0339C03
c2772	7	35.0	49	8	AZ592174	AZ592174 1M0402F21
c2773	7	35.0	49	8	AZ650524	AZ650524 1M0520E16
c2774	7	35.0	49	8	AZ771080	AZ771080 1M0573E06
2775	7	35.0	49	8	AZ773638	AZ773638 2M0001O10
c2776	7	35.0	49	8	AZ791157	AZ791157 2M0041B01
c2777	7	35.0	49	8	AZ827577	AZ827577 2M0104P01
c2778	7	35.0	49	8	AZ964788	AZ964788 2M0234C11
2779	7	35.0	49	8	BH791510	BH791510 SALK_0600
c2780	7	35.0	49	8	BH797797	BH797797 1008095D0
2781	7	35.0	49	8	BH802945	BH802945 1008097G0
2782	7	35.0	49	8	BH846294	BH846294 SALK_0071
2783	7	35.0	49	8	BH846331	BH846331 SALK_0072
c2784	7	35.0	49	8	BH865006	BH865006 SALK_0972
c2785	7	35.0	49	8	BH903159	BH903159 SALK_1021
2786	7	35.0	49	8	BH917430	BH917430 3526_1_56
c2787	7	35.0	49	8	BH917445	BH917445 3526_1_56
2788	7	35.0	49	8	BZ381817	BZ381817 SALK_1173
c2789	7	35.0	49	8	BZ583936	BZ583936 3590_1_53
2790	7	35.0	49	8	BZ591175	BZ591175 3590_1_82
2791	7	35.0	49	8	CC040486	CC040486 3591_1_13
c2792	7	35.0	49	8	CC178663	CC178663 RST142 Ba
c2793	7	35.0	49	9	AG191198	AG191198 Pan trogl
2794	7	35.0	49	9	AJ592471	AJ592471 Arabidops
2795	7	35.0	49	9	AJ596477	AJ596477 Arabidops
c2796	7	35.0	49	9	AJ600004	AJ600004 Arabidops
c2797	7	35.0	49	9	AL757533	AL757533 Arabidops
c2798	7	35.0	49	9	AL946235	AL946235 Arabidops
c2799	7	35.0	49	9	BX121220	BX121220 Danio rer
2800	7	35.0	49	9	BX659267	BX659267 Arabidops
2801	7	35.0	49	9	CR396985	CR396985 Arabidops
c2802	7	35.0	49	9	CR398273	CR398273 Arabidops
c2803	7	35.0	49	9	CR402367	CR402367 Arabidops
2804	7	35.0	49	9	DME545485	AJ545485 Drosophil
c2805	7	35.0	49	9	CC795113	CC795113 SALK_0699
c2806	7	35.0	49	9	CG724048	CG724048 1119079D0
2807	7	35.0	49	9	CG773239	CG773239 1123016A0
2808	7	35.0	49	9	CG773820	CG773820 1123015A0
c2809	7	35.0	49	9	CG775874	CG775874 1123007C0
2810	7	35.0	49	9	CG782047	CG782047 1123048C0
c2811	7	35.0	49	9	CG807837	CG807837 1118087C1
c2812	7	35.0	49	9	CL002706	CL002706 02S0169-0
2813	7	35.0	49	9	CL213029	CL213029 G030H04 G
2814	7	35.0	49	9	CL307742	CL307742 02S0135-1
c2815	7	35.0	49	9	CL307742	CL307742 02S0135-1
2816	7	35.0	49	9	CL308420	CL308420 03F3668-0
2817	7	35.0	49	9	CL674014	CL674014 PRI0111a_
2818	7	35.0	49	9	CL982917	CL982917 GC0143 TI
2819	7	35.0	50	1	AA061330	AA061330 ml45c04.r
2820	7	35.0	50	1	AA948106	AA948106 on51a04.s
2821	7	35.0	50	1	AI098691	AI098691 uh37g08.r
c2822	7	35.0	50	1	AI098691	AI098691 uh37g08.r
c2823	7	35.0	50	1	AI332289	AI332289 fa97h01.y
2824	7	35.0	50	1	AI362864	AI362864 qy87b11.x
2825	7	35.0	50	1	AJ652427	AJ652427 AJ652427
c2826	7	35.0	50	1	AJ741875	AJ741875 AJ741875
c2827	7	35.0	50	1	AU102225	AU102225 AU102225
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3121	7	35.0	50	1	AU107374	AU107374	AU107374
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3123	7	35.0	50	1	AU107412	AU107412	AU107412
c3124	7	35.0	50	1	AU107543	AU107543	AU107543
3125	7	35.0	50	1	AU107644	AU107644	AU107644
3126	7	35.0	50	1	AU107725	AU107725	AU107725
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3128	7	35.0	50	1	AU107729	AU107729	AU107729
3129	7	35.0	50	1	AU107730	AU107730	AU107730
3130	7	35.0	50	1	AU107732	AU107732	AU107732
3131	7	35.0	50	1	AU107733	AU107733	AU107733
3132	7	35.0	50	1	AU107734	AU107734	AU107734
3133	7	35.0	50	1	AU107736	AU107736	AU107736
3134	7	35.0	50	1	AU107737	AU107737	AU107737
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3136	7	35.0	50	1	AU107739	AU107739	AU107739
c3137	7	35.0	50	1	AU107742	AU107742	AU107742
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c3139	7	35.0	50	1	AU107746	AU107746	AU107746
c3140	7	35.0	50	1	AU107747	AU107747	AU107747
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c3142	7	35.0	50	1	AU107749	AU107749	AU107749
c3143	7	35.0	50	1	AU107750	AU107750	AU107750
c3144	7	35.0	50	1	AU107751	AU107751	AU107751
c3145	7	35.0	50	1	AU107752	AU107752	AU107752
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c3148	7	35.0	50	1	AU107755	AU107755	AU107755
c3149	7	35.0	50	1	AU107756	AU107756	AU107756
c3150	7	35.0	50	1	AU107757	AU107757	AU107757
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c3157	7	35.0	50	1	AU107767	AU107767	AU107767
c3158	7	35.0	50	1	AU107768	AU107768	AU107768
c3159	7	35.0	50	1	AU107769	AU107769	AU107769
c3160	7	35.0	50	1	AU107770	AU107770	AU107770
c3161	7	35.0	50	1	AU107771	AU107771	AU107771
c3162	7	35.0	50	1	AU107774	AU107774	AU107774
c3163	7	35.0	50	1	AU107775	AU107775	AU107775

c3164	7	35.0	50	1	AU107776	AU107776 AU107776	3237	7	35.0	50	5	BX711407	BX711407 BX711407
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c3166	7	35.0	50	1	AU107778	AU107778 AU107778	c3239	7	35.0	50	5	BX730796	BX730796 BX730796
c3167	7	35.0	50	1	AU107779	AU107779 AU107779	3240	7	35.0	50	6	CB047702	CB047702 NISC_gg04
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c3171	7	35.0	50	1	AU107783	AU107783 AU107783	3244	7	35.0	50	6	CB189305	CB189305 ks31e12.y
c3172	7	35.0	50	1	AU107784	AU107784 AU107784	3245	7	35.0	50	6	CB214602	CB214602 OML04882
c3173	7	35.0	50	1	AU107785	AU107785 AU107785	c3246	7	35.0	50	6	CB225684	CB225684 1RT19D06
c3174	7	35.0	50	1	AU107786	AU107786 AU107786	3247	7	35.0	50	6	CB226394	CB226394 1Ru21A9 B
c3175	7	35.0	50	1	AU107787	AU107787 AU107787	3248	7	35.0	50	6	CD028941	CD028941 mgns002xJ
c3176	7	35.0	50	1	AU107788	AU107788 AU107788	3249	7	35.0	50	6	CD029248	CD029248 mgns012xC
c3177	7	35.0	50	1	AU107789	AU107789 AU107789	c3250	7	35.0	50	6	CD029248	CD029248 mgns012xC
c3178	7	35.0	50	1	AU107790	AU107790 AU107790	3251	7	35.0	50	6	CD745440	CD745440 RB6_G06_R
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c3180	7	35.0	50	1	AU107792	AU107792 AU107792	3253	7	35.0	50	7	CN478257	CN478257 rx48c09.y
c3181	7	35.0	50	1	AU107793	AU107793 AU107793	c3254	7	35.0	50	7	CN488991	CN488991 Mdfw2018i
c3182	7	35.0	50	1	AU107794	AU107794 AU107794	3255	7	35.0	50	7	CN617653	CN617653 TgESTzym2
c3183	7	35.0	50	1	AU107795	AU107795 AU107795	c3256	7	35.0	50	7	CN752108	CN752108 ApHL3SD-X
c3184	7	35.0	50	1	AU107796	AU107796 AU107796	c3257	7	35.0	50	7	CN849807	CN849807 000917AAF
c3185	7	35.0	50	1	AU107797	AU107797 AU107797	3258	7	35.0	50	7	CN862658	CN862658 000823AAL
c3186	7	35.0	50	1	AU107798	AU107798 AU107798	3259	7	35.0	50	7	CV307484	CV307484 tj44e05.b
c3187	7	35.0	50	1	AU107799	AU107799 AU107799	c3260	7	35.0	50	7	CV307485	CV307485 tj44e05.g
c3188	7	35.0	50	1	AU107800	AU107800 AU107800	c3261	7	35.0	50	7	H55190	H55190 CHR220129 C
c3189	7	35.0	50	1	AU107801	AU107801 AU107801	3262	7	35.0	50	7	N85055	N85055 J2084F Huma
c3190	7	35.0	50	1	AU107802	AU107802 AU107802	3263	7	35.0	50	7	T58705	T58705 ya94h05.r1
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c3192	7	35.0	50	1	AU107804	AU107804 AU107804	3265	7	35.0	50	8	AZ304992	AZ304992 1M0005D12
c3193	7	35.0	50	1	AU107805	AU107805 AU107805	3266	7	35.0	50	8	AZ320384	AZ320384 1M0040I20
c3194	7	35.0	50	1	AU107806	AU107806 AU107806	3267	7	35.0	50	8	AZ331635	AZ331635 1M0059O08
c3195	7	35.0	50	1	AU107807	AU107807 AU107807	3268	7	35.0	50	8	AZ406914	AZ406914 1M0176A24
c3196	7	35.0	50	1	AU107808	AU107808 AU107808	3269	7	35.0	50	8	AZ466717	AZ466717 1M0277A12
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c3199	7	35.0	50	1	AU107811	AU107811 AU107811	3272	7	35.0	50	8	AZ607925	AZ607925 1M0430F07
c3200	7	35.0	50	1	AU107812	AU107812 AU107812	c3273	7	35.0	50	8	AZ769800	AZ769800 1M0570P14
c3201	7	35.0	50	1	AU107813	AU107813 AU107813	3274	7	35.0	50	8	AZ802822	AZ802822 2M0061C23
c3202	7	35.0	50	1	AU107814	AU107814 AU107814	c3275	7	35.0	50	8	AZ806606	AZ806606 2M0068I15
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c3205	7	35.0	50	1	AU107817	AU107817 AU107817	3278	7	35.0	50	8	AZ921856	AZ921856 HRCot2H06
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c3210	7	35.0	50	1	AU107822	AU107822 AU107822	3283	7	35.0	50	8	BH758086	BH758086 SALK_0155
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c3213	7	35.0	50	1	AU107825	AU107825 AU107825	3286	7	35.0	50	8	BH849792	BH849792 SALK_0702
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3217	7	35.0	50	1	AU107913	AU107913 AU107913	3290	7	35.0	50	8	BH910837	BH910837 SALK_0627
c3218	7	35.0	50	1	AU107934	AU107934 AU107934	3291	7	35.0	50	8	BH917673	BH917673 3526_1_57
3219	7	35.0	50	1	AU107969	AU107969 AU107969	c3292	7	35.0	50	8	BZ352480	BZ352480 SALK_0806
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c3221	7	35.0	50	1	AU107984	AU107984 AU107984	c3294	7	35.0	50	8	BZ767568	BZ767568 SALK_1390
3222	7	35.0	50	1	AU107987	AU107987 AU107987	3295	7	35.0	50	8	BZ769258	BZ769258 SALK_1418
3223	7	35.0	50	1	AU107995	AU107995 AU107995	3296	7	35.0	50	8	BZ769259	BZ769259 SALK_1418
c3224	7	35.0	50	1	AU108021	AU108021 AU108021	c3297	7	35.0	50	8	CC019705	CC019705 3591_1_16
3225	7	35.0	50	1	AU108073	AU108073 AU108073	c3298	7	35.0	50	8	CC023862	CC023862 3591_1_36
c3226	7	35.0	50	2	AV969171	AV969171 AV969171	c3299	7	35.0	50	8	CC024328	CC024328 3591_1_38
3227	7	35.0	50	2	AW424126	AW424126 sh61c07.y	c3300	7	35.0	50	8	CC042859	CC042859 3591_1_15
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3229	7	35.0	50	2	BF054800	BF054800 7i71d09.y	3302	7	35.0	50	8	CC049933	CC049933 01S0518-0
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c3231	7	35.0	50	4	BG972016	BG972016 602841819	3304	7	35.0	50	8	CC182198	CC182198 02S2019-0
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c3233	7	35.0	50	4	BI416961	BI416961 hasp002xp	c3306	7	35.0	50	9	AG191999	AG191999 Pan trogl
3234	7	35.0	50	4	BI698388	BI698388 D12_H05 S	3307	7	35.0	50	9	AG192913	AG192913 Pan trogl
c3235	7	35.0	50	5	BQ482011	BQ482011 ke47g06.y	c3308	7	35.0	50	9	AJ592586	AJ592586 Arabidops
c3236	7	35.0	50	5	BX556043	BX556043 BX556043	c3309	7	35.0	50	9	AJ622621	AJ622621 Drosophil

3310	7	35.0	50	9	AL760941	AL760941 Arabidops
3311	7	35.0	50	9	BX191741	BX191741 Danio rer
3312	7	35.0	50	9	BX651754	BX651754 Arabidops
c3313	7	35.0	50	9	BX662243	BX662243 Arabidops
3314	7	35.0	50	9	BX890678	BX890678 Arabidops
c3315	7	35.0	50	9	BX997240	BX997240 Forward s
3316	7	35.0	50	9	CR029050	CR029050 Forward s
3317	7	35.0	50	9	CR075777	CR075777 Reverse s
3318	7	35.0	50	9	CR087163	CR087163 Forward s
c3319	7	35.0	50	9	CR147596	CR147596 Forward s
c3320	7	35.0	50	9	CR155964	CR155964 Reverse s
3321	7	35.0	50	9	CR167330	CR167330 Forward s
3322	7	35.0	50	9	CC538944	CC538944 CH240_407
3323	7	35.0	50	9	CC882096	CC882096 01S0473-0
3324	7	35.0	50	9	CC882151	CC882151 01S0473-0
3325	7	35.0	50	9	CC883056	CC883056 02S2018-0
3326	7	35.0	50	9	CC883128	CC883128 02S2018-0
3327	7	35.0	50	9	CC883293	CC883293 02S2031-0
3328	7	35.0	50	9	CC883306	CC883306 02S2031-0
3329	7	35.0	50	9	CC940938	CC940938 01S0630-0
3330	7	35.0	50	9	CC940990	CC940990 01S0630-0
3331	7	35.0	50	9	CG677704	CG677704 01S0714-0
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3337	7	35.0	50	9	CG721030	CG721030 1119065A1
3338	7	35.0	50	9	CG721042	CG721042 1119065B0
3339	7	35.0	50	9	CG721085	CG721085 1119065D0
3340	7	35.0	50	9	CG721101	CG721101 1119065D0
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3345	7	35.0	50	9	CG721272	CG721272 1119066C0
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3350	7	35.0	50	9	CG721384	CG721384 1119066G0
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3362	7	35.0	50	9	CL002999	CL002999 02S0254-0
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3364	7	35.0	50	9	CL294055	CL294055 03F3660-0
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c3367	7	35.0	50	9	CL422769	CL422769 AE0489 Sa
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3370	7	35.0	50	9	CL520459	CL520459 SAK1C09 F
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3372	7	35.0	50	9	CL528630	CL528630 ASV24C11.
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3374	7	35.0	51	1	AV440453	AV440453 AV440453
c3375	7	35.0	51	1	AV841810	AV841810 AV841810
3376	7	35.0	51	1	AA417159	AA417159 zu13a02.r
c3377	7	35.0	51	2	BF507101	BF507101 19188P-10
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c3383	7	35.0	51	4	BM283289	BM283289 ki48a02.y
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3385	7	35.0	51	4	BM284043	BM284043 ki29a07.y
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c3396	7	35.0	51	7	CN872122	CN872122 010211AAP
c3397	7	35.0	51	7	CR416051	CR416051 CR416051
c3398	7	35.0	51	7	CR578789	CR578789 CR578789
3399	7	35.0	51	7	CV131581	CV131581 L3P01c02
c3400	7	35.0	51	7	CV305939	CV305939 ti66g08.b
3401	7	35.0	51	7	H57255	H57255 yr10f04.r1
c3402	7	35.0	51	7	H78770	H78770 yu29d05.r1
3403	7	35.0	51	7	Z20700	Z20700 HSAAACRYO V
c3404	7	35.0	51	8	AZ307908	AZ307908 1M0010A22
3405	7	35.0	51	8	AZ328753	AZ328753 1M0052K08
3406	7	35.0	51	8	AZ330934	AZ330934 1M0056D12
c3407	7	35.0	51	8	AZ333301	AZ333301 1M0062N17
c3408	7	35.0	51	8	AZ333550	AZ333550 1M0062M03
3409	7	35.0	51	8	AZ482055	AZ482055 1M0306I23
3410	7	35.0	51	8	AZ483337	AZ483337 1M0308M19
c3411	7	35.0	51	8	AZ483337	AZ483337 1M0308M19
3412	7	35.0	51	8	AZ483919	AZ483919 1M0309P18
c3413	7	35.0	51	8	AZ489268	AZ489268 1M0321B03
c3414	7	35.0	51	8	AZ495072	AZ495072 1M0330F16
3415	7	35.0	51	8	AZ592654	AZ592654 1M0403A16
3416	7	35.0	51	8	AZ602216	AZ602216 1M0420D21
c3417	7	35.0	51	8	AZ605964	AZ605964 1M0427B07
3418	7	35.0	51	8	AZ616501	AZ616501 1M0446A22
3419	7	35.0	51	8	AZ617761	AZ617761 1M0449L11
c3420	7	35.0	51	8	AZ761274	AZ761274 1M0555F01
c3421	7	35.0	51	8	AZ775094	AZ775094 2M0007A11
c3422	7	35.0	51	8	AZ786347	AZ786347 2M0031K13
c3423	7	35.0	51	8	AZ830145	AZ830145 2M0109O07
3424	7	35.0	51	8	AZ832138	AZ832138 2M0112P13
c3425	7	35.0	51	8	AZ987526	AZ987526 2M0270D12
c3426	7	35.0	51	8	B00645	B00645 cSRL-117f11
3427	7	35.0	51	8	B00876	B00876 cSRL-121c4-
3428	7	35.0	51	8	B06035	B06035 cSRL-75c12-
c3429	7	35.0	51	8	BH413716	BH413716 1007034B0
3430	7	35.0	51	8	BH640903	BH640903 1008038H1
c3431	7	35.0	51	8	BH792292	BH792292 SALK_0633
3432	7	35.0	51	8	BH811093	BH811093 SALK_0572
3433	7	35.0	51	8	BH853423	BH853423 SALK_0769
c3434	7	35.0	51	8	BH861528	BH861528 SALK_0817
3435	7	35.0	51	8	BH890691	BH890691 3526_1_15
c3436	7	35.0	51	8	BH894835	BH894835 3526_1_30
3437	7	35.0	51	8	BH905567	BH905567 SALK_1069
c3438	7	35.0	51	8	BH906364	BH906364 SALK_1097
c3439	7	35.0	51	8	BH906414	BH906414 SALK_1098
3440	7	35.0	51	8	BH913949	BH913949 3526_1_41
3441	7	35.0	51	8	BH914820	BH914820 3526_1_44
c3442	7	35.0	51	8	BZ288568	BZ288568 SALK_0219
3443	7	35.0	51	8	BZ289795	BZ289795 SALK_0231
3444	7	35.0	51	8	BZ354465	BZ354465 SALK_1251
c3445	7	35.0	51	8	CC021609	CC021609 3591_1_25
3446	7	35.0	51	8	CC033655	CC033655 3591_1_65
3447	7	35.0	51	8	CC049917	CC049917 01S0518-0
3448	7	35.0	51	8	CC144578	CC144578 LST056 Ba
c3449	7	35.0	51	9	AG218599	AG218599 Drosophil
c3450	7	35.0	51	9	AG222473	AG222473 Lotus cor
c3451	7	35.0	51	9	AJ587510	AJ587510 Arabidops
3452	7	35.0	51	9	AJ595057	AJ595057 Arabidops
3453	7	35.0	51	9	AJ622522	AJ622522 Drosophil
3454	7	35.0	51	9	AL757374	AL757374 Arabidops
3455	7	35.0	51	9	AL757729	AL757729 Arabidops

3456	7	35.0	51	9	AL763605	AL763605	Arabidops
c3457	7	35.0	51	9	AL768677	AL768677	Arabidops
3458	7	35.0	51	9	AL769606	AL769606	Arabidops
3459	7	35.0	51	9	BX219702	BX219702	Danio rer
c3460	7	35.0	51	9	BX230101	BX230101	Danio rer
3461	7	35.0	51	9	BX230414	BX230414	Danio rer
c3462	7	35.0	51	9	BX246365	BX246365	Danio rer
3463	7	35.0	51	9	BX291747	BX291747	Arabidops
3464	7	35.0	51	9	BX905277	BX905277	Leishmani
c3465	7	35.0	51	9	BX990152	BX990152	Forward s
c3466	7	35.0	51	9	CNS07FES	AL608374	Anopheles
3467	7	35.0	51	9	CR009219	CR009219	Forward s
3468	7	35.0	51	9	CR012664	CR012664	Reverse s
c3469	7	35.0	51	9	CR103287	CR103287	Forward s
c3470	7	35.0	51	9	CR104020	CR104020	Reverse s
c3471	7	35.0	51	9	CR108461	CR108461	Reverse s
c3472	7	35.0	51	9	CR161751	CR161751	Forward s
c3473	7	35.0	51	9	CR178640	CR178640	Forward s
c3474	7	35.0	51	9	CR206146	CR206146	Reverse s
3475	7	35.0	51	9	CR250095	CR250095	Forward s
c3476	7	35.0	51	9	CR269241	CR269241	Reverse s
c3477	7	35.0	51	9	CR274514	CR274514	Forward s
3478	7	35.0	51	9	DME545240	AJ545240	Drosophil
c3479	7	35.0	51	9	LBAF012G02	BX540068	Leishmani
3480	7	35.0	51	9	LBAF037B12	BX538951	Leishmani
3481	7	35.0	51	9	TA169F12Q	AL473441	T. brucei
3482	7	35.0	51	9	TA217C03Q	AL478980	T. brucei
3483	7	35.0	51	9	CC516007	CC516007	CH240_361
c3484	7	35.0	51	9	CC561319	CC561319	CH240_471
3485	7	35.0	51	9	CC800470	CC800470	02S01I4-0
c3486	7	35.0	51	9	CC885363	CC885363	SALK_1469
c3487	7	35.0	51	9	CC885369	CC885369	SALK_1469
c3488	7	35.0	51	9	CG705417	CG705417	01S0583-0
c3489	7	35.0	51	9	CG712826	CG712826	1119029C1
c3490	7	35.0	51	9	CG714149	CG714149	1119035C0
c3491	7	35.0	51	9	CG718276	CG718276	1119052C1
3492	7	35.0	51	9	CG721331	CG721331	1119066E0
3493	7	35.0	51	9	CG730560	CG730560	1119128A1
3494	7	35.0	51	9	CG778239	CG778239	1123027B0
c3495	7	35.0	51	9	CG892321	CG892321	01S0672-0
c3496	7	35.0	51	9	CG894598	CG894598	03S4733-0
3497	7	35.0	51	9	CL246483	CL246483	01S0569-0
c3498	7	35.0	51	9	CL256652	CL256652	XQ0365 Sa
c3499	7	35.0	51	9	CL256773	CL256773	XS0948 Sa
c3500	7	35.0	51	9	CL307712	CL307712	02F0151-1
3501	7	35.0	51	9	CL308054	CL308054	02S0206-0
3502	7	35.0	51	9	CL310180	CL310180	03S4706-0
c3503	7	35.0	51	9	CL310180	CL310180	03S4706-0
3504	7	35.0	51	9	CL422744	CL422744	AE0230 Sa
c3505	7	35.0	52	1	AA027620	AA027620	mi08e04.r
3506	7	35.0	52	1	AA057878	AA057878	zf60c08.s
c3507	7	35.0	52	1	AA652918	AA652918	ns68c10.s
c3508	7	35.0	52	1	AA655451	AA655451	vq85a08.s
c3509	7	35.0	52	1	AA703395	AA703395	zj12c12.s
c3510	7	35.0	52	1	AA717460	AA717460	vu19f08.r
3511	7	35.0	52	1	AA734841	AA734841	vt65h08.r
c3512	7	35.0	52	1	AA798134	AA798134	vx73d03.r
c3513	7	35.0	52	1	AA830350	AA830350	oc50d05.s
3514	7	35.0	52	1	AA834377	AA834377	of67e05.s
3515	7	35.0	52	1	AA856040	AA856040	vw82a06.r
c3516	7	35.0	52	1	AA908478	AA908478	og82b11.s
3517	7	35.0	52	1	AA911280	AA911280	oe75c12.s
c3518	7	35.0	52	1	AA928439	AA928439	om77c07.s
c3519	7	35.0	52	1	AA953523	AA953523	on80b08.s
3520	7	35.0	52	1	AA959075	AA959075	ua08e02.r
c3521	7	35.0	52	1	AA972568	AA972568	op96h08.s
3522	7	35.0	52	1	AA973349	AA973349	oo43a01.s
3523	7	35.0	52	1	AI033051	AI033051	ow93d08.s
c3524	7	35.0	52	1	AI096004	AI096004	SWOvL3CAN
c3525	7	35.0	52	1	AI150242	AI150242	qf34e07.x
3526	7	35.0	52	1	AI159400	AI159400	ud36d11.r
c3527	7	35.0	52	1	AI185839	AI185839	qe33f05.s
3528	7	35.0	52	1	AI204024	AI204024	qe77d09.x
c3529	7	35.0	52	1	AI205244	AI205244	ao85d10.x
3530	7	35.0	52	1	AI214648	AI214648	qm32a11.x
3531	7	35.0	52	1	AI310821	AI310821	qo93g12.x
3532	7	35.0	52	1	AA082961	AA082961	zn07b12.r
c3533	7	35.0	52	1	AA119170	AA119170	mo28c01.r
3534	7	35.0	52	1	AA140098	AA140098	mq96h03.r
3535	7	35.0	52	1	AA144997	AA144997	mr64e06.r
c3536	7	35.0	52	1	AI528400	AI528400	ui97a04.y
c3537	7	35.0	52	1	AI554319	AI554319	tq05g06.x
3538	7	35.0	52	1	AI589024	AI589024	tl95d07.x
3539	7	35.0	52	1	AI635073	AI635073	tz23a03.x
3540	7	35.0	52	1	AI808106	AI808106	wf92g11.x
3541	7	35.0	52	1	AJ449169	AJ449169	AJ449169
3542	7	35.0	52	1	AJ708931	AJ708931	AJ708931
3543	7	35.0	52	1	AJ794563	AJ794563	AJ794563
c3544	7	35.0	52	1	AA204173	AA204173	mu25h05.r
c3545	7	35.0	52	1	AA208481	AA208481	mv85a07.r
c3546	7	35.0	52	1	AL863000	AL863000	AL863000
3547	7	35.0	52	1	AL896734	AL896734	AL896734
c3548	7	35.0	52	1	AU060328	AU060328	AU060328
3549	7	35.0	52	1	AU256550	AU256550	AU256550
c3550	7	35.0	52	1	AA259404	AA259404	va51b09.r
3551	7	35.0	52	1	AV848953	AV848953	AV848953
c3552	7	35.0	52	1	AA414306	AA414306	vc60h05.s
3553	7	35.0	52	1	AA486527	AA486527	ab38h10.r
c3554	7	35.0	52	1	AA507032	AA507032	ni02g12.s
3555	7	35.0	52	1	AA547842	AA547842	MB3D6V1G0
c3556	7	35.0	52	1	AA549556	AA549556	vk80c06.s
3557	7	35.0	52	1	AA553288	AA553288	vk83h08.s
3558	7	35.0	52	1	AA565659	AA565659	nk26h02.s
3559	7	35.0	52	1	AA576470	AA576470	nm63f10.s
3560	7	35.0	52	1	AA622069	AA622069	nq54b08.s
3561	7	35.0	52	1	AA623793	AA623793	vq73b05.s
3562	7	35.0	52	2	BF507258	BF507258	5923P-7 P
c3563	7	35.0	52	2	BF584577	BF584577	602098286
c3564	7	35.0	52	2	BF641616	BF641616	NF064D03I
c3565	7	35.0	52	2	AW692509	AW692509	NF052C10S
c3566	7	35.0	52	2	BE248568	BE248568	NF009F10D
c3567	7	35.0	52	2	BE317738	BE317738	NF054G08L
3568	7	35.0	52	2	BE318079	BE318079	NF062F02L
c3569	7	35.0	52	2	BE691151	BE691151	uv56e07.x
c3570	7	35.0	52	4	BG107750	BG107750	602277958
3571	7	35.0	52	4	BG409317	BG409317	gb90e10.y
c3572	7	35.0	52	4	BG767791	BG767791	602741429
3573	7	35.0	52	4	BI419036	BI419036	LjNEST26g
c3574	7	35.0	52	4	BI494184	BI494184	df108c11.
c3575	7	35.0	52	4	BI696681	BI696681	603348578
3576	7	35.0	52	4	BI767752	BI767752	603060730
c3577	7	35.0	52	4	BI835541	BI835541	603089045
c3578	7	35.0	52	4	BM282722	BM282722	ki39f12.y
3579	7	35.0	52	4	BM432542	BM432542	1JEJ10F6.
c3580	7	35.0	52	4	BM874268	BM874268	laa08c03.
c3581	7	35.0	52	5	BM885680	BM885680	sam03h06.
3582	7	35.0	52	5	BQ595361	BQ595361	S015250-0
c3583	7	35.0	52	5	BQ619832	BQ619832	TaLr1160E
3584	7	35.0	52	5	BQ786608	BQ786608	saq70e12.
3585	7	35.0	52	5	BX625543	BX625543	BX625543
3586	7	35.0	52	6	C02368	C02368	HUMGS000953
c3587	7	35.0	52	6	CB049012	CB049012	NISC_gj08
3588	7	35.0	52	6	CB055991	CB055991	NISC_jj11
3589	7	35.0	52	6	CB377176	CB377176	Hb01B07 L
3590	7	35.0	52	6	CB379027	CB379027	rq16h10.y
3591	7	35.0	52	7	CF099418	CF099418	rd73c05.y
3592	7	35.0	52	7	CF298391	CF298391	7LEAF--01
3593	7	35.0	52	7	CF652164	CF652164	38-L02016
3594	7	35.0	52	7	CK624220	CK624220	mi18e10.y
c3595	7	35.0	52	7	CN472403	CN472403	Gm-r1030-
3596	7	35.0	52	7	CN934156	CN934156	000202AVB
3597	7	35.0	52	7	CO732968	CO732968	SlLT02c04
3598	7	35.0	52	7	CO755573	CO755573	Mdfrt3044
3599	7	35.0	52	7	CV192844	CV192844	SnESTbabl
c3600	7	35.0	52	7	D25844	D25844	HUMGS04216
c3601	7	35.0	52	7	H26201	H26201	yl53b02.r1

3602	7	35.0	52	7	H77759	H77759 yu23h10.s1
c3603	7	35.0	52	7	T90912	T90912 yd49a11.s1
3604	7	35.0	52	7	T97531	T97531 ye57f10.r1
3605	7	35.0	52	7	W23552	W23552 za45f01.r1
3606	7	35.0	52	7	W59333	W59333 md79d06.r1
c3607	7	35.0	52	7	W62921	W62921 md92a05.r1
c3608	7	35.0	52	7	W90057	W90057 zh69h10.r1
c3609	7	35.0	52	8	AZ315962	AZ315962 1M0033I22
3610	7	35.0	52	8	AZ323362	AZ323362 1M0044N18
3611	7	35.0	52	8	AZ346723	AZ346723 1M0082P04
3612	7	35.0	52	8	AZ346981	AZ346981 1M0082B01
3613	7	35.0	52	8	AZ427438	AZ427438 1M0209G21
c3614	7	35.0	52	8	AZ457596	AZ457596 1M0261D03
c3615	7	35.0	52	8	AZ458079	AZ458079 1M0261K17
3616	7	35.0	52	8	AZ478133	AZ478133 1M0298D01
c3617	7	35.0	52	8	AZ576117	AZ576117 AST-T32E0
3618	7	35.0	52	8	AZ576258	AZ576258 AST-TDSD1
c3619	7	35.0	52	8	AZ587268	AZ587268 1M0394L16
c3620	7	35.0	52	8	AZ588897	AZ588897 1M0397F06
3621	7	35.0	52	8	AZ596774	AZ596774 1M0410D16
c3622	7	35.0	52	8	AZ596774	AZ596774 1M0410D16
3623	7	35.0	52	8	AZ601275	AZ601275 1M0419B01
3624	7	35.0	52	8	AZ603117	AZ603117 1M0422A16
3625	7	35.0	52	8	AZ603863	AZ603863 1M0423K24
3626	7	35.0	52	8	AZ639288	AZ639288 1M0499M10
c3627	7	35.0	52	8	AZ660384	AZ660384 1M0538M23
3628	7	35.0	52	8	AZ759984	AZ759984 1M0553J18
3629	7	35.0	52	8	AZ766304	AZ766304 1M0563H18
3630	7	35.0	52	8	AZ768192	AZ768192 1M0568M01
3631	7	35.0	52	8	AZ785171	AZ785171 2M0028E21
c3632	7	35.0	52	8	AZ787096	AZ787096 2M0033A01
3633	7	35.0	52	8	AZ863697	AZ863697 2M0171L19
c3634	7	35.0	52	8	AZ921621	AZ921621 1006030G0
c3635	7	35.0	52	8	AZ923044	AZ923044 OsAc4-37
3636	7	35.0	52	8	AZ981303	AZ981303 2M0258L08
c3637	7	35.0	52	8	B06757	B06757 cSRL-85b10-
c3638	7	35.0	52	8	B43793	B43793 HS-1058-A2-
c3639	7	35.0	52	8	BH146157	BH146157 BG02576-3
c3640	7	35.0	52	8	BH409773	BH409773 1007014C0
3641	7	35.0	52	8	BH790669	BH790669 SALK_0576
3642	7	35.0	52	8	BH812370	BH812370 SALK_0616
c3643	7	35.0	52	8	BH840705	BH840705 KG06641-5
3644	7	35.0	52	8	BH846242	BH846242 SALK_0068
3645	7	35.0	52	8	BH856416	BH856416 SALK_0797
3646	7	35.0	52	8	BH909160	BH909160 SALK_0522
3647	7	35.0	52	8	BH915805	BH915805 3526_1_49
3648	7	35.0	52	8	BH916559	BH916559 3526_1_52
3649	7	35.0	52	8	BZ289588	BZ289588 SALK_0229
c3650	7	35.0	52	8	BZ290103	BZ290103 SALK_0235
3651	7	35.0	52	8	BZ582073	BZ582073 3590_1_33
3652	7	35.0	52	8	BZ584065	BZ584065 3590_1_53
c3653	7	35.0	52	8	BZ592572	BZ592572 l(2)SH148
3654	7	35.0	52	8	BZ662046	BZ662046 SALK_0255
3655	7	35.0	52	8	BZ664042	BZ664042 SALK_0276
c3656	7	35.0	52	8	BZ767389	BZ767389 SALK_1387
3657	7	35.0	52	8	CC155997	CC155997 Ex297 Bay
3658	7	35.0	52	9	AB082011	AB082011 Drosophil
3659	7	35.0	52	9	AG190752	AG190752 Pan trogl
3660	7	35.0	52	9	AG191199	AG191199 Pan trogl
3661	7	35.0	52	9	AG192713	AG192713 Pan trogl
c3662	7	35.0	52	9	AG219234	AG219234 Lotus cor
3663	7	35.0	52	9	AG263226	AG263226 Lotus cor
3664	7	35.0	52	9	AJ593889	AJ593889 Arabidops
3665	7	35.0	52	9	AJ598966	AJ598966 Arabidops
3666	7	35.0	52	9	AJ600244	AJ600244 Arabidops
3667	7	35.0	52	9	AL759556	AL759556 Arabidops
3668	7	35.0	52	9	AL768430	AL768430 Arabidops
3669	7	35.0	52	9	AL771754	AL771754 Arabidops
c3670	7	35.0	52	9	BX655310	BX655310 Arabidops
c3671	7	35.0	52	9	BX656676	BX656676 Arabidops
c3672	7	35.0	52	9	BX892798	BX892798 Arabidops
3673	7	35.0	52	9	BX957953	BX957953 Forward s
3674	7	35.0	52	9	BX973502	BX973502 Forward s
3675	7	35.0	52	9	CR042764	CR042764 Reverse s
3676	7	35.0	52	9	CR050530	CR050530 Reverse s
3677	7	35.0	52	9	CR105288	CR105288 Forward s
3678	7	35.0	52	9	CR113847	CR113847 Forward s
c3679	7	35.0	52	9	CR120156	CR120156 Forward s
c3680	7	35.0	52	9	CR157606	CR157606 Forward s
3681	7	35.0	52	9	CR236443	CR236443 Forward s
c3682	7	35.0	52	9	CR244955	CR244955 Forward s
3683	7	35.0	52	9	CR401734	CR401734 Arabidops
3684	7	35.0	52	9	CR770068	CR770068 Arabidops
c3685	7	35.0	52	9	LBAF093A06	BX540243 Leishmani
c3686	7	35.0	52	9	TA168G12Q	AL474150 T. brucei
3687	7	35.0	52	9	CC550831	CC550831 CH240_435
c3688	7	35.0	52	9	CC795253	CC795253 SALK_0738
3689	7	35.0	52	9	CC799928	CC799928 01S0783-0
c3690	7	35.0	52	9	CC941388	CC941388 02S0111-0
c3691	7	35.0	52	9	CG720660	CG720660 1119063C0
3692	7	35.0	52	9	CG723969	CG723969 1119078H1
3693	7	35.0	52	9	CG731825	CG731825 1119143H0
3694	7	35.0	52	9	CG775798	CG775798 1123007A0
3695	7	35.0	52	9	CG782579	CG782579 1123051A0
c3696	7	35.0	52	9	CG808489	CG808489 1118092H0
c3697	7	35.0	52	9	CL256325	CL256325 AB0104 Sa
c3698	7	35.0	52	9	CL307915	CL307915 02S0206-0
c3699	7	35.0	52	9	CL307935	CL307935 02S0206-0
c3700	7	35.0	52	9	CL308036	CL308036 02S0206-0
c3701	7	35.0	52	9	CL308740	CL308740 03S0467-1
c3702	7	35.0	52	9	CL309544	CL309544 03S2012-0
c3703	7	35.0	52	9	CL459357	CL459357 AH0191 Sa
c3704	7	35.0	52	9	CL869694	CL869694 abe58a08.
c3705	7	35.0	52	9	CL982872	CL982872 GC0095 TI
3706	7	35.0	53	1	AA716461	AA716461 zh29h10.s
c3707	7	35.0	53	1	AB088493	AB088493 AB088493
c3708	7	35.0	53	1	AI204921	AI204921 an02a04.x
3709	7	35.0	53	1	AI223768	AI223768 qx32e05.x
c3710	7	35.0	53	1	AI920053	AI920053 1583 Pine
3711	7	35.0	53	1	AJ792315	AJ792315 AJ792315
3712	7	35.0	53	1	AJ798570	AJ798570 AJ798570
3713	7	35.0	53	1	AL681866	AL681866 AL681866
3714	7	35.0	53	1	AU257625	AU257625 AU257625
3715	7	35.0	53	1	AV848842	AV848842 AV848842
3716	7	35.0	53	1	AV854525	AV854525 AV854525
3717	7	35.0	53	2	BF211235	BF211235 601812663
c3718	7	35.0	53	2	AV966365	AV966365 AV966365
c3719	7	35.0	53	2	BE241035	BE241035 AP 275-f
3720	7	35.0	53	4	BG408927	BG408927 gb83c07.y
3721	7	35.0	53	4	BG476744	BG476744 602524663
3722	7	35.0	53	4	BG694640	BG694640 NISC_iv06
c3723	7	35.0	53	4	BG694640	BG694640 NISC_iv06
c3724	7	35.0	53	4	BI175652	BI175652 OSTR051F1
c3725	7	35.0	53	4	BI945514	BI945514 sc05a08.y
3726	7	35.0	53	4	BJ067137	BJ067137 BJ067137
3727	7	35.0	53	4	BM183121	BM183121 fw30g02.y
3728	7	35.0	53	4	BM283018	BM283018 ki44a05.y
3729	7	35.0	53	4	BM283328	BM283328 ki48e05.y
3730	7	35.0	53	4	BM283910	BM283910 ki35a12.y
c3731	7	35.0	53	4	BM874284	BM874284 laa08e09.
c3732	7	35.0	53	5	BQ075816	BQ075816 fz09c03.y
c3733	7	35.0	53	5	BQ620748	BQ620748 TaLr1130G
c3734	7	35.0	53	5	BU202065	BU202065 604156258
3735	7	35.0	53	5	BU489109	BU489109 604129018
3736	7	35.0	53	5	BU491568	BU491568 604129386
3737	7	35.0	53	6	C20865	C20865 HUMGS000493
c3738	7	35.0	53	6	C52992	C52992 C52992 Yuji
c3739	7	35.0	53	6	CA339521	CA339521 NISC_ly03
3740	7	35.0	53	6	CA584781	CA584781 LBD01288.
3741	7	35.0	53	6	CA840659	CA840659 MCT039H07
3742	7	35.0	53	6	CA900362	CA900362 PCS05535
3743	7	35.0	53	6	CA970200	CA970200 CcLX06a25
3744	7	35.0	53	6	CB099303	CB099303 ks09a01.y
3745	7	35.0	53	6	CB264575	CB264575 51-E01466
3746	7	35.0	53	6	CB377211	CB377211 Hb01G05 L
c3747	7	35.0	53	6	CD744576	CD744576 IRB14_C11

3748	7	35.0	53	7	CF279544	CF279544 14ETL--05	3821	7	35.0	53	9	AL760915	AL760915 Arabidops
3749	7	35.0	53	7	CF280336	CF280336 14ETL--06	3822	7	35.0	53	9	AL770168	AL770168 Arabidops
3750	7	35.0	53	7	CF876983	CF876983 tric074xl	3823	7	35.0	53	9	AL770169	AL770169 Arabidops
3751	7	35.0	53	7	CK735227	CK735227 TgESTzyk3	c3824	7	35.0	53	9	AL941170	AL941170 Arabidops
c3752	7	35.0	53	7	CN563856	CN563856 taf95e06.	c3825	7	35.0	53	9	AL942845	AL942845 Arabidops
c3753	7	35.0	53	7	CN858606	CN858606 000724AAA	c3826	7	35.0	53	9	BX121902	BX121902 Danio rer
c3754	7	35.0	53	7	CO512724	CO512724 s13dSG19H	3827	7	35.0	53	9	BX121978	BX121978 Danio rer
c3755	7	35.0	53	7	CO513454	CO513454 s13dSG10D	c3828	7	35.0	53	9	BX289555	BX289555 Arabidops
c3756	7	35.0	53	7	CO515996	CO515996 s13dSG61G	c3829	7	35.0	53	9	BX292146	BX292146 Arabidops
3757	7	35.0	53	7	D18203	D18203 MUSGS00473	c3830	7	35.0	53	9	BX657429	BX657429 Arabidops
c3758	7	35.0	53	7	N39333	N39333 yv25f04.s1	3831	7	35.0	53	9	BX957847	BX957847 Reverse s
c3759	7	35.0	53	7	N63357	N63357 yz34d12.s1	c3832	7	35.0	53	9	BX957847	BX957847 Reverse s
c3760	7	35.0	53	7	T63755	T63755 yc23h06.r1	3833	7	35.0	53	9	BX971312	BX971312 Forward s
c3761	7	35.0	53	7	T97438	T97438 ye57d05.r1	3834	7	35.0	53	9	BX976639	BX976639 Reverse s
3762	7	35.0	53	8	AQ025100	AQ025100 EP(3)0507	c3835	7	35.0	53	9	CR028369	CR028369 Forward s
3763	7	35.0	53	8	AQ025102	AQ025102 EP(3)0517	3836	7	35.0	53	9	CR144870	CR144870 Reverse s
3764	7	35.0	53	8	AQ050186	AQ050186 nbxb0003c	c3837	7	35.0	53	9	CR154852	CR154852 Forward s
3765	7	35.0	53	8	AZ303904	AZ303904 1M0003B19	c3838	7	35.0	53	9	CR161823	CR161823 Forward s
3766	7	35.0	53	8	AZ304780	AZ304780 1M0005D18	3839	7	35.0	53	9	CR181047	CR181047 Forward s
c3767	7	35.0	53	8	AZ308725	AZ308725 1M0012E23	c3840	7	35.0	53	9	CR184643	CR184643 Reverse s
3768	7	35.0	53	8	AZ339975	AZ339975 1M0071N10	c3841	7	35.0	53	9	CR192047	CR192047 Reverse s
3769	7	35.0	53	8	AZ357506	AZ357506 1M0099M04	c3842	7	35.0	53	9	CR233626	CR233626 Forward s
c3770	7	35.0	53	8	AZ359665	AZ359665 1M0102C08	3843	7	35.0	53	9	CR401446	CR401446 Arabidops
3771	7	35.0	53	8	AZ436386	AZ436386 1M0224D08	c3844	7	35.0	53	9	DME545846	AJ545846 Drosophil
3772	7	35.0	53	8	AZ486322	AZ486322 1M0314F16	c3845	7	35.0	53	9	HSMC09A07	X88438 H.sapiens D
3773	7	35.0	53	8	AZ768109	AZ768109 1M0567K21	3846	7	35.0	53	9	CC492530	CC492530 CH240_326
c3774	7	35.0	53	8	AZ816072	AZ816072 2M0084H11	3847	7	35.0	53	9	CC575162	CC575162 CH240_452
c3775	7	35.0	53	8	AZ819899	AZ819899 2M0091K13	3848	7	35.0	53	9	CC583588	CC583588 CH240_379
3776	7	35.0	53	8	AZ919920	AZ919920 1006017C0	c3849	7	35.0	53	9	CC592733	CC592733 CH240_393
c3777	7	35.0	53	8	AZ921304	AZ921304 1006029C1	c3850	7	35.0	53	9	CG732723	CG732723 1119150E1
c3778	7	35.0	53	8	AZ933412	AZ933412 BG01952 D	3851	7	35.0	53	9	CG773828	CG773828 1123015A0
3779	7	35.0	53	8	B02175	B02175 cSRL-149c2-	3852	7	35.0	53	9	CG775060	CG775060 1123022F0
c3780	7	35.0	53	8	BH017645	BH017645 LMAJFV1_1	3853	7	35.0	53	9	CG776210	CG776210 1123005C0
c3781	7	35.0	53	8	BH214712	BH214712 1006004C0	3854	7	35.0	53	9	CG778256	CG778256 1123027C0
c3782	7	35.0	53	8	BH217346	BH217346 1006054D0	c3855	7	35.0	53	9	CG779629	CG779629 1123035B0
3783	7	35.0	53	8	BH226084	BH226084 1006130A0	3856	7	35.0	53	9	CG780545	CG780545 1123040D0
3784	7	35.0	53	8	BH231425	BH231425 1006162B0	c3857	7	35.0	53	9	CG806992	CG806992 1118076A1
c3785	7	35.0	53	8	BH414902	BH414902 1007040D0	c3858	7	35.0	53	9	CG980554	CG980554 CH240_160
3786	7	35.0	53	8	BH609334	BH609334 30h1 LL18	3859	7	35.0	53	9	CL302021	CL302021 P009D07 G
3787	7	35.0	53	8	BH610057	BH610057 KG00342-3	c3860	7	35.0	53	9	CL307665	CL307665 02F0151-1
c3788	7	35.0	53	8	BH610550	BH610550 SALK_0176	c3861	7	35.0	53	9	CL307899	CL307899 02S0135-1
c3789	7	35.0	53	8	BH621508	BH621508 1007114A0	c3862	7	35.0	53	9	CL307902	CL307902 02S0135-1
c3790	7	35.0	53	8	BH790830	BH790830 SALK_0580	c3863	7	35.0	53	9	CL307992	CL307992 02S0206-0
c3791	7	35.0	53	8	BH790831	BH790831 SALK_0580	3864	7	35.0	53	9	CL518983	CL518983 SAG2C09 F
3792	7	35.0	53	8	BH792219	BH792219 SALK_0630	3865	7	35.0	53	9	CL528641	CL528641 ASV25B01.
3793	7	35.0	53	8	BH792584	BH792584 SALK_0647	c3866	7	35.0	54	1	AA009002	AA009002 mh03f10.r
c3794	7	35.0	53	8	BH805158	BH805158 1008065G0	3867	7	35.0	54	1	AA853354	AA853354 NHTBCae05
c3795	7	35.0	53	8	BH810262	BH810262 SALK_0483	c3868	7	35.0	54	1	AA918034	AA918034 ol71b04.s
c3796	7	35.0	53	8	BH810400	BH810400 SALK_0495	c3869	7	35.0	54	1	AF094810	AF094810 AF094810
c3797	7	35.0	53	8	BH811066	BH811066 SALK_0572	3870	7	35.0	54	1	AI877662	AI877662 fc50b05.y
c3798	7	35.0	53	8	BH847876	BH847876 SALK_0606	c3871	7	35.0	54	1	AJ649233	AJ649233 AJ649233
3799	7	35.0	53	8	BH848512	BH848512 SALK_0684	c3872	7	35.0	54	1	AL637463	AL637463 AL637463
c3800	7	35.0	53	8	BH853086	BH853086 SALK_0759	c3873	7	35.0	54	1	AL847356	AL847356 AL847356
3801	7	35.0	53	8	BH856610	BH856610 SALK_0794	3874	7	35.0	54	1	AU257493	AU257493 AU257493
3802	7	35.0	53	8	BH856616	BH856616 SALK_0794	c3875	7	35.0	54	1	AV847924	AV847924 AV847924
3803	7	35.0	53	8	BH866171	BH866171 SALK_1008	3876	7	35.0	54	1	AV856788	AV856788 AV856788
3804	7	35.0	53	8	BH909264	BH909264 SALK_0526	c3877	7	35.0	54	1	AA615970	AA615970 vo91g02.r
3805	7	35.0	53	8	BH913052	BH913052 3526_1_38	c3878	7	35.0	54	4	BG916207	BG916207 602814922
3806	7	35.0	53	8	BH913784	BH913784 3526_1_41	c3879	7	35.0	54	4	BI834962	BI834962 603088845
c3807	7	35.0	53	8	BZ356222	BZ356222 SALK_1284	3880	7	35.0	54	4	BJ064958	BJ064958 BJ064958
c3808	7	35.0	53	8	BZ358839	BZ358839 SALK_1333	3881	7	35.0	54	4	BM146869	BM146869 TCAAP1E74
c3809	7	35.0	53	8	BZ382140	BZ382140 SALK_1179	c3882	7	35.0	54	4	BM342714	BM342714 fw47b10.y
3810	7	35.0	53	8	BZ592725	BZ592725 SALK_0290	c3883	7	35.0	54	4	BM873434	BM873434 laa12d10.
c3811	7	35.0	53	8	BZ663828	BZ663828 SALK_0274	c3884	7	35.0	54	4	BM873574	BM873574 laa04h03.
c3812	7	35.0	53	8	BZ763437	BZ763437 SALK_1176	c3885	7	35.0	54	4	BM873964	BM873964 laa10a02.
3813	7	35.0	53	8	BZ767118	BZ767118 SALK_1383	3886	7	35.0	54	5	BQ548625	BQ548625 ik93e02.x
3814	7	35.0	53	8	BZ767506	BZ767506 SALK_1389	c3887	7	35.0	54	5	BQ567415	BQ567415 gi89h06.y
3815	7	35.0	53	8	BZ769625	BZ769625 SALK_1424	3888	7	35.0	54	5	BU346200	BU346200 604169195
c3816	7	35.0	53	8	CC043159	CC043159 3591_1_15	3889	7	35.0	54	5	BU486466	BU486466 604127647
3817	7	35.0	53	8	CC180628	CC180628 01S0536-0	3890	7	35.0	54	5	BU786787	BU786787 im93b10.x
c3818	7	35.0	53	9	AG199683	AG199683 Pan trogl	c3891	7	35.0	54	5	BX713312	BX713312 BX713312
c3819	7	35.0	53	9	AG219091	AG219091 Drosophil	3892	7	35.0	54	5	BX777616	BX777616 BX777616
3820	7	35.0	53	9	AL755813	AL755813 Arabidops	3893	7	35.0	54	6	CA337982	CA337982 NISC_1w09

3894	7	35.0	54	6	CA397769	CA397769 cs95h02.y
c3895	7	35.0	54	6	CA969284	CA969284 CcLX06a22
c3896	7	35.0	54	6	CB047163	CB047163 NISC_gg01
c3897	7	35.0	54	6	CB226210	CB226210 1RT31A02
3898	7	35.0	54	6	CB357015	CB357015 ZF001-P00
c3899	7	35.0	54	6	CD011914	CD011914 VVB038B12
3900	7	35.0	54	7	CF279123	CF279123 14ETL--05
3901	7	35.0	54	7	CF338276	CF338276 RCL1--01-
c3902	7	35.0	54	7	CF338863	CF338863 RCL1--03-
3903	7	35.0	54	7	CN925775	CN925775 000515AEN
c3904	7	35.0	54	7	CR418902	CR418902 CR418902
3905	7	35.0	54	7	CR426667	CR426667 CR426667
3906	7	35.0	54	7	CR562934	CR562934 CR562934
3907	7	35.0	54	7	CR579329	CR579329 CR579329
c3908	7	35.0	54	7	H71592	H71592 yu71b06.r1
c3909	7	35.0	54	7	R80060	R80060 yi91g05.r1
3910	7	35.0	54	7	T61102	T61102 yc45e04.s1
3911	7	35.0	54	7	T73471	T73471 yc35g07.s1
c3912	7	35.0	54	8	AZ308184	AZ308184 1M0010K24
c3913	7	35.0	54	8	AZ368166	AZ368166 1M0118D08
3914	7	35.0	54	8	AZ392666	AZ392666 1M0155G20
3915	7	35.0	54	8	AZ404835	AZ404835 1M0173N10
c3916	7	35.0	54	8	AZ435804	AZ435804 1M0223J05
3917	7	35.0	54	8	AZ453616	AZ453616 1M0255C07
c3918	7	35.0	54	8	AZ482754	AZ482754 1M0307N24
c3919	7	35.0	54	8	AZ605578	AZ605578 1M0427B02
c3920	7	35.0	54	8	AZ621184	AZ621184 1M0454F13
c3921	7	35.0	54	8	AZ633599	AZ633599 1M0488M20
c3922	7	35.0	54	8	AZ774778	AZ774778 2M0004I05
3923	7	35.0	54	8	AZ785897	AZ785897 2M0030E10
c3924	7	35.0	54	8	AZ797183	AZ797183 2M0053F17
c3925	7	35.0	54	8	AZ801443	AZ801443 2M0059I20
c3926	7	35.0	54	8	AZ921703	AZ921703 1006031E1
3927	7	35.0	54	8	B00655	B00655 cSRL-117g6-
3928	7	35.0	54	8	B01178	B01178 cSRL-127e3-
c3929	7	35.0	54	8	BH622463	BH622463 1007101D0
c3930	7	35.0	54	8	BH642803	BH642803 1008044D0
c3931	7	35.0	54	8	BH643264	BH643264 1008055E1
3932	7	35.0	54	8	BH643313	BH643313 1008055H1
3933	7	35.0	54	8	BH789677	BH789677 SALK_0444
3934	7	35.0	54	8	BH790868	BH790868 SALK_0580
c3935	7	35.0	54	8	BH848355	BH848355 SALK_0678
c3936	7	35.0	54	8	BH889771	BH889771 3526_1_11
3937	7	35.0	54	8	BH890016	BH890016 3526_1_12
c3938	7	35.0	54	8	BH894456	BH894456 3526_1_29
3939	7	35.0	54	8	BH915999	BH915999 3526_1_50
c3940	7	35.0	54	8	BZ358306	BZ358306 SALK_1322
3941	7	35.0	54	8	BZ382399	BZ382399 SALK_1182
3942	7	35.0	54	8	CC021292	CC021292 3591_1_23
c3943	7	35.0	54	8	CC178463	CC178463 XC233 Bay
c3944	7	35.0	54	8	CC183366	CC183366 XE668 Bay
3945	7	35.0	54	8	CC199987	CC199987 XH892 Bay
c3946	7	35.0	54	8	CC326107	CC326107 RRJ266 Ba
c3947	7	35.0	54	8	CC457495	CC457495 SALK_1103
c3948	7	35.0	54	9	AG229463	AG229463 Lotus cor
c3949	7	35.0	54	9	AL942441	AL942441 Arabidops
c3950	7	35.0	54	9	AL942846	AL942846 Arabidops
c3951	7	35.0	54	9	BX288187	BX288187 Arabidops
c3952	7	35.0	54	9	BX292100	BX292100 Arabidops
c3953	7	35.0	54	9	BX292664	BX292664 Arabidops
c3954	7	35.0	54	9	BX896725	BX896725 Arabidops
c3955	7	35.0	54	9	BX945731	BX945731 Arabidops
c3956	7	35.0	54	9	BX945804	BX945804 Arabidops
3957	7	35.0	54	9	BX988015	BX988015 Forward s
c3958	7	35.0	54	9	CR020710	CR020710 Reverse s
3959	7	35.0	54	9	CR045587	CR045587 Forward s
3960	7	35.0	54	9	CR049791	CR049791 Reverse s
3961	7	35.0	54	9	CR090243	CR090243 Reverse s
3962	7	35.0	54	9	CR109171	CR109171 Forward s
c3963	7	35.0	54	9	CR171666	CR171666 Forward s
3964	7	35.0	54	9	CR254386	CR254386 Reverse s
3965	7	35.0	54	9	CR360590	CR360590 Arabidops
3966	7	35.0	54	9	CR395049	CR395049 Arabidops
c3967	7	35.0	54	9	CR398489	CR398489 Arabidops
3968	7	35.0	54	9	CR399200	CR399200 Arabidops
3969	7	35.0	54	9	DME546662	AJ546662 Drosophil
c3970	7	35.0	54	9	TA298H09Q	AL489119 T. brucei
3971	7	35.0	54	9	TA301B06Q	AL489708 T. brucei
3972	7	35.0	54	9	TA342E01Q	AL493013 T. brucei
c3973	7	35.0	54	9	TA382C08P	AL498094 T. brucei
c3974	7	35.0	54	9	CC522442	CC522442 CH240_370
3975	7	35.0	54	9	CC593216	CC593216 CH240_394
c3976	7	35.0	54	9	CG731406	CG731406 1119140A1
c3977	7	35.0	54	9	CG731544	CG731544 1119141F0
3978	7	35.0	54	9	CG731647	CG731647 1119142E0
c3979	7	35.0	54	9	CG732117	CG732117 1119146C0
3980	7	35.0	54	9	CG732885	CG732885 1119152B0
3981	7	35.0	54	9	CG777829	CG777829 1123011B0
3982	7	35.0	54	9	CG778317	CG778317 1123027H1
c3983	7	35.0	54	9	CL211337	CL211337 M042C04 G
3984	7	35.0	54	9	CL212793	CL212793 G051A01 G
c3985	7	35.0	54	9	CL214482	CL214482 W255B05 G
3986	7	35.0	54	9	CL215526	CL215526 W265F05 G
c3987	7	35.0	54	9	CL307640	CL307640 02F0151-1
c3988	7	35.0	54	9	CL309225	CL309225 03S2010-0
3989	7	35.0	54	9	CL640635	CL640635 G078C06 G
c3990	7	35.0	54	9	CL650600	CL650600 RRY310 Ba
3991	7	35.0	55	1	AA049553	AA049553 mj34d11.r
c3992	7	35.0	55	1	AA050107	AA050107 mj10g04.r
3993	7	35.0	55	1	AA055295	AA055295 zf17f03.r
c3994	7	35.0	55	1	AA769384	AA769384 nz34g07.s
c3995	7	35.0	55	1	AA781755	AA781755 ai60g06.s
3996	7	35.0	55	1	AA910831	AA910831 ok87c11.s
c3997	7	35.0	55	1	AA921144	AA921144 vy15h06.r
3998	7	35.0	55	1	AA923752	AA923752 om39f05.s
3999	7	35.0	55	1	AA935175	AA935175 oh33c11.s
4000	7	35.0	55	1	AA986798	AA986798 uc82h11.y
c4001	7	35.0	55	1	AA996113	AA996113 ou98f12.s
c4002	7	35.0	55	1	AI026108	AI026108 ow03g04.s
c4003	7	35.0	55	1	AI127438	AI127438 qb75c05.x
4004	7	35.0	55	1	AI180526	AI180526 uc70b01.r
4005	7	35.0	55	1	AI193414	AI193414 qe58c10.x
c4006	7	35.0	55	1	AI195363	AI195363 ui19f09.r
4007	7	35.0	55	1	AI242530	AI242530 qu36h06.x
4008	7	35.0	55	1	AI244233	AI244233 qj86d11.x
4009	7	35.0	55	1	AI267004	AI267004 uj09f05.x
4010	7	35.0	55	1	AI276903	AI276903 qm49h08.x
c4011	7	35.0	55	1	AI401125	AI401125 tg26b12.x
c4012	7	35.0	55	1	AA107743	AA107743 mp04b03.r
4013	7	35.0	55	1	AI416656	AI416656 sa10b03.x
4014	7	35.0	55	1	AI439948	AI439948 ti63d11.x
c4015	7	35.0	55	1	AI564322	AI564322 tq54d04.x
c4016	7	35.0	55	1	AI595799	AI595799 uj69e08.x
c4017	7	35.0	55	1	AI664266	AI664266 ue83e10.r
4018	7	35.0	55	1	AI678370	AI678370 tu81c11.x
4019	7	35.0	55	1	AI698400	AI698400 tx64e08.x
4020	7	35.0	55	1	AI721422	AI721422 fd20e08.x
4021	7	35.0	55	1	AI759889	AI759889 sb65f11.y
4022	7	35.0	55	1	AI801663	AI801663 to93e01.x
4023	7	35.0	55	1	AI810021	AI810021 wf79b05.x
c4024	7	35.0	55	1	AI859692	AI859692 wm19c07.x
4025	7	35.0	55	1	AI863699	AI863699 wi57f03.x
4026	7	35.0	55	1	AI929311	AI929311 au59h08.x
c4027	7	35.0	55	1	AI954780	AI954780 wq33b09.x
4028	7	35.0	55	1	AI961039	AI961039 wq58e12.x
4029	7	35.0	55	1	AI965855	AI965855 sc78f12.y
c4030	7	35.0	55	1	AJ235764	AJ235764 AJ235764
c4031	7	35.0	55	1	AJ791465	AJ791465 AJ791465
4032	7	35.0	55	1	AA179918	AA179918 zp56e11.s
4033	7	35.0	55	1	AA221027	AA221027 zr03c12.r
4034	7	35.0	55	1	AL782982	AL782982 AL782982
4035	7	35.0	55	1	AL888067	AL888067 AL888067
c4036	7	35.0	55	1	AU250831	AU250831 AU250831
c4037	7	35.0	55	1	AA237672	AA237672 mx11d07.r
4038	7	35.0	55	1	AA276119	AA276119 vc36e11.r
c4039	7	35.0	55	1	AV551640	AV551640 AV551640

4040	7	35.0	55	1	AA555791	AA555791 vi55f01.r
4041	7	35.0	55	1	AA576504	AA576504 nm76c03.s
c4042	7	35.0	55	1	AA579923	AA579923 nl77a06.s
c4043	7	35.0	55	1	AA581159	AA581159 nd14f07.r
c4044	7	35.0	55	1	AA623407	AA623407 vn32d05.r
4045	7	35.0	55	2	AW059824	AW059824 LE8e11.yg
c4046	7	35.0	55	2	AW106997	AW106997 um18c10.y
c4047	7	35.0	55	2	AW250417	AW250417 2822596.3
4048	7	35.0	55	2	AW320709	AW320709 uo22d04.y
4049	7	35.0	55	2	BE057857	BE057857 sn08b03.y
c4050	7	35.0	55	4	BG235492	BG235492 NcEST3a36
4051	7	35.0	55	4	BI335791	BI335791 1dl126 Hu
c4052	7	35.0	55	4	BI408546	BI408546 602963185
c4053	7	35.0	55	4	BJ043776	BJ043776 BJ043776
c4054	7	35.0	55	4	BJ059830	BJ059830 BJ059830
4055	7	35.0	55	4	BM128834	BM128834 if17c10.x
4056	7	35.0	55	4	BM284419	BM284419 ki58d11.y
4057	7	35.0	55	4	BM284496	BM284496 ki59e10.y
c4058	7	35.0	55	4	BM873548	BM873548 laa04d04.
c4059	7	35.0	55	4	BM873617	BM873617 laa05f09.
c4060	7	35.0	55	4	BM874066	BM874066 laa07b06.
c4061	7	35.0	55	4	BM874068	BM874068 laa07b11.
c4062	7	35.0	55	4	BM874101	BM874101 laa07g12.
4063	7	35.0	55	5	BQ797910	BQ797910 EST 6848
4064	7	35.0	55	5	BU487971	BU487971 604124704
4065	7	35.0	55	5	BX700801	BX700801 BX700801
4066	7	35.0	55	5	BX728053	BX728053 BX728053
c4067	7	35.0	55	5	BX764540	BX764540 BX764540
4068	7	35.0	55	6	CA397068	CA397068 cs85g01.y
c4069	7	35.0	55	6	CA954361	CA954361 kl42a09.y
c4070	7	35.0	55	6	CA996443	CA996443 rg40e01.y
4071	7	35.0	55	6	CB360716	CB360716 ZF001-P00
c4072	7	35.0	55	6	CD288855	CD288855 8_A20.abd
c4073	7	35.0	55	6	CD455370	CD455370 TNWbmfC20
4074	7	35.0	55	6	CD529983	CD529983 04N22 Ara
4075	7	35.0	55	7	CF639226	CF639226 D13_A01 F
c4076	7	35.0	55	7	CO732664	CO732664 S1LL01b03
c4077	7	35.0	55	7	CO744135	CO744135 TgESTzyp1
c4078	7	35.0	55	7	CR392213	CR392213 CR392213
4079	7	35.0	55	7	D21025	D21025 HUMGS02008
4080	7	35.0	55	7	H51371	H51371 yo30b10.r1
c4081	7	35.0	55	7	H55309	H55309 CHR220248 C
4082	7	35.0	55	7	N64821	N64821 yz31e07.s1
c4083	7	35.0	55	7	R38994	R38994 yd08a05.s1
c4084	7	35.0	55	7	R52718	R52718 yg99b05.r1
c4085	7	35.0	55	7	R63054	R63054 yh08e06.r1
4086	7	35.0	55	7	T70039	T70039 yc17b01.s1
4087	7	35.0	55	7	T92161	T92161 ye17g05.r1
c4088	7	35.0	55	8	AQ026197	AQ026197 1(3)04281
c4089	7	35.0	55	8	AZ389791	AZ389791 1M0150J14
4090	7	35.0	55	8	AZ395663	AZ395663 1M0159I20
c4091	7	35.0	55	8	AZ454662	AZ454662 1M0256O10
c4092	7	35.0	55	8	AZ456257	AZ456257 1M0259C05
4093	7	35.0	55	8	AZ514448	AZ514448 1M0361M15
4094	7	35.0	55	8	AZ603251	AZ603251 1M0422N22
c4095	7	35.0	55	8	AZ608728	AZ608728 1M0433D08
4096	7	35.0	55	8	AZ645007	AZ645007 1M0510O07
c4097	7	35.0	55	8	AZ782892	AZ782892 2M0024F11
4098	7	35.0	55	8	AZ785643	AZ785643 2M0029A15
4099	7	35.0	55	8	AZ796468	AZ796468 2M0052P10
4100	7	35.0	55	8	AZ826389	AZ826389 2M0102O01
4101	7	35.0	55	8	AZ854808	AZ854808 2M0158P02
4102	7	35.0	55	8	AZ865277	AZ865277 2M0175L15
c4103	7	35.0	55	8	AZ967103	AZ967103 2M0237G21
4104	7	35.0	55	8	AZ977027	AZ977027 2M0252G15
c4105	7	35.0	55	8	AZ996045	AZ996045 2M0282A07
4106	7	35.0	55	8	B40554	B40554 HS-1051-B2-
4107	7	35.0	55	8	BH622042	BH622042 1007116C0
4108	7	35.0	55	8	BH628293	BH628293 1007077E1
c4109	7	35.0	55	8	BH797281	BH797281 1008087E0
c4110	7	35.0	55	8	BH805314	BH805314 1008066C0
c4111	7	35.0	55	8	BH810764	BH810764 SALK_0511
4112	7	35.0	55	8	BH891826	BH891826 3526_1_19
4113	7	35.0	55	8	BH897283	BH897283 3526_1_7_
4114	7	35.0	55	8	BH901292	BH901292 SALK_0742
4115	7	35.0	55	8	BH917662	BH917662 3526_1_57
4116	7	35.0	55	8	BH917876	BH917876 3526_1_58
4117	7	35.0	55	8	BZ358284	BZ358284 SALK_1322
c4118	7	35.0	55	8	BZ377638	BZ377638 SALK_0837
c4119	7	35.0	55	8	BZ379766	BZ379766 SALK_1139
c4120	7	35.0	55	8	BZ596819	BZ596819 SALK_0962
c4121	7	35.0	55	8	BZ596820	BZ596820 SALK_0962
4122	7	35.0	55	8	BZ763976	BZ763976 SALK_1228
4123	7	35.0	55	8	BZ765093	BZ765093 SALK_1284
c4124	7	35.0	55	8	CC038716	CC038716 3591_1_96
4125	7	35.0	55	8	CC040472	CC040472 3591_1_13
c4126	7	35.0	55	8	CC044190	CC044190 3591_1_16
c4127	7	35.0	55	8	CC049317	CC049317 01S0458-0
c4128	7	35.0	55	8	CC060139	CC060139 EY02308-3
c4129	7	35.0	55	9	AG199927	AG199927 Pan trogl
4130	7	35.0	55	9	AG201980	AG201980 Pan trogl
4131	7	35.0	55	9	AL751483	AL751483 Arabidops
c4132	7	35.0	55	9	AL751807	AL751807 Arabidops
4133	7	35.0	55	9	AL753532	AL753532 Arabidops
4134	7	35.0	55	9	AL758499	AL758499 Arabidops
c4135	7	35.0	55	9	AL758499	AL758499 Arabidops
c4136	7	35.0	55	9	AL758771	AL758771 Arabidops
4137	7	35.0	55	9	AL759691	AL759691 Arabidops
c4138	7	35.0	55	9	AL768635	AL768635 Arabidops
c4139	7	35.0	55	9	BX126332	BX126332 Danio rer
4140	7	35.0	55	9	BX219604	BX219604 Danio rer
4141	7	35.0	55	9	BX289428	BX289428 Arabidops
4142	7	35.0	55	9	BX293312	BX293312 Arabidops
4143	7	35.0	55	9	BX662491	BX662491 Arabidops
4144	7	35.0	55	9	BX959794	BX959794 Forward s
c4145	7	35.0	55	9	CR015955	CR015955 Reverse s
c4146	7	35.0	55	9	CR026484	CR026484 Forward s
4147	7	35.0	55	9	CR031703	CR031703 Forward s
4148	7	35.0	55	9	CR041074	CR041074 Forward s
4149	7	35.0	55	9	CR118730	CR118730 Forward s
c4150	7	35.0	55	9	CR119932	CR119932 Reverse s
c4151	7	35.0	55	9	CR147214	CR147214 Reverse s
4152	7	35.0	55	9	CR154502	CR154502 Forward s
4153	7	35.0	55	9	CR161503	CR161503 Reverse s
4154	7	35.0	55	9	CR210183	CR210183 Forward s
4155	7	35.0	55	9	CR210874	CR210874 Reverse s
4156	7	35.0	55	9	CR273983	CR273983 Reverse s
4157	7	35.0	55	9	HSA247010	AJ247010 Homo sapi
4158	7	35.0	55	9	LBAF030A02	BX543970 Leishmani
c4159	7	35.0	55	9	TA264D05P	AL484008 T. brucei
c4160	7	35.0	55	9	TA43H03P	AL454731 T. brucei
4161	7	35.0	55	9	CC883947	CC883947 SALK_1024
4162	7	35.0	55	9	CC887614	CC887614 SALK_1504
c4163	7	35.0	55	9	CG713006	CG713006 1119030A0
4164	7	35.0	55	9	CG715318	CG715318 1119041A0
4165	7	35.0	55	9	CG775219	CG775219 1123023E0
4166	7	35.0	55	9	CG780766	CG780766 1123041D0
c4167	7	35.0	55	9	CL211458	CL211458 M021B06 G
c4168	7	35.0	55	9	CL212462	CL212462 G041D08 G
4169	7	35.0	55	9	CL265792	CL265792 03F3660-0
c4170	7	35.0	55	9	CL308373	CL308373 03F0096-0
c4171	7	35.0	55	9	CL309314	CL309314 03S2011-0
4172	7	35.0	55	9	CL524867	CL524867 AL0032 Sa
c4173	7	35.0	55	9	CL869092	CL869092 abe54a02.
4174	7	35.0	55	9	CL878006	CL878006 abf23b08.
c4175	7	35.0	56	1	AA017705	AA017705 ze39d10.r
c4176	7	35.0	56	1	AA659280	AA659280 nt93e12.s
c4177	7	35.0	56	1	AI004080	AI004080 ot47f02.s
4178	7	35.0	56	1	AI018428	AI018428 ov62e10.s
c4179	7	35.0	56	1	AI240619	AI240619 qh46c11.x
4180	7	35.0	56	1	AI254189	AI254189 qv59f04.x
c4181	7	35.0	56	1	AI890256	AI890256 wm82f06.x
4182	7	35.0	56	1	AI926782	AI926782 wo58f03.x
4183	7	35.0	56	1	AI952196	AI952196 wx49d07.x
4184	7	35.0	56	1	AA185070	AA185070 mt93a01.r
4185	7	35.0	56	1	AV528821	AV528821 AV528821

c4186	7	35.0	56	1	AV774081	AV774081	AV774081
c4187	7	35.0	56	1	AV776023	AV776023	AV776023
4188	7	35.0	56	1	AV833096	AV833096	AV833096
c4189	7	35.0	56	1	AV854734	AV854734	AV854734
4190	7	35.0	56	1	AA389121	AA389121	mp24a09.r
c4191	7	35.0	56	1	AA413849	AA413849	vc67g01.s
c4192	7	35.0	56	1	AA428151	AA428151	zw33h09.s
c4193	7	35.0	56	1	AA477545	AA477545	zu41b10.s
4194	7	35.0	56	1	AA533773	AA533773	nj93c06.s
c4195	7	35.0	56	2	BF247288	BF247288	601858009
c4196	7	35.0	56	2	BF633870	BF633870	NF065F04D
4197	7	35.0	56	2	BF647961	BF647961	NF038H02E
4198	7	35.0	56	2	BF702951	BF702951	MI-P-H1-a
c4199	7	35.0	56	2	BF781651	BF781651	602104369
4200	7	35.0	56	2	AW268320	AW268320	xr95f11.x
4201	7	35.0	56	2	BF037071	BF037071	601456929
4202	7	35.0	56	4	BG231250	BG231250	nah83f04.
c4203	7	35.0	56	4	BG694569	BG694569	NISC_iv04
4204	7	35.0	56	4	BG758906	BG758906	602713018
4205	7	35.0	56	4	BG914019	BG914019	602810795
c4206	7	35.0	56	4	BI331433	BI331433	602981732
c4207	7	35.0	56	4	BI442545	BI442545	dag55d09.
c4208	7	35.0	56	4	BI764224	BI764224	603045902
c4209	7	35.0	56	4	BM036631	BM036631	fu80d08.y
c4210	7	35.0	56	4	BM285351	BM285351	pb12g11.y
c4211	7	35.0	56	4	BM873989	BM873989	laa10e06.
c4212	7	35.0	56	4	BM874045	BM874045	laa11f08.
c4213	7	35.0	56	5	BQ548919	BQ548919	ik93e02.y
c4214	7	35.0	56	5	BU062225	BU062225	Fgr_1_I05
4215	7	35.0	56	5	BU491597	BU491597	604127903
4216	7	35.0	56	5	BU493917	BU493917	vaa02f11.
c4217	7	35.0	56	5	BU781648	BU781648	im93b10.y
c4218	7	35.0	56	5	BX752124	BX752124	BX752124
c4219	7	35.0	56	5	BX783809	BX783809	BX783809
c4220	7	35.0	56	6	CA585976	CA585976	LBA00549.
4221	7	35.0	56	6	CA772706	CA772706	io83g10.y
4222	7	35.0	56	6	CA846637	CA846637	hab84c07.
c4223	7	35.0	56	6	CB226030	CB226030	1RT27C04
4224	7	35.0	56	6	CB297028	CB297028	12B22056_
4225	7	35.0	56	7	CF108030	CF108030	Shultzomi
4226	7	35.0	56	7	CF116957	CF116957	fp1044.z1
c4227	7	35.0	56	7	CF319888	CF319888	HD--10-J0
4228	7	35.0	56	7	CK430818	CK430818	oj54c07.y
4229	7	35.0	56	7	CN859266	CN859266	000728AAA
4230	7	35.0	56	7	CN860931	CN860931	000823AAF
4231	7	35.0	56	7	CV301141	CV301141	EST888484
4232	7	35.0	56	7	CV307013	CV307013	tj39a12.b
c4233	7	35.0	56	7	CV308615	CV308615	tj53d10.b
4234	7	35.0	56	7	CV308616	CV308616	tj53d10.g
4235	7	35.0	56	7	D25947	D25947	HUMGS06721
c4236	7	35.0	56	7	F35060	F35060	HSPD30690 H
4237	7	35.0	56	7	T75345	T75345	yc90c10.r1
4238	7	35.0	56	8	AQ073414	AQ073414	EP(2)2227
c4239	7	35.0	56	8	AZ349118	AZ349118	1M0086C04
4240	7	35.0	56	8	AZ424600	AZ424600	1M0204I13
c4241	7	35.0	56	8	AZ438836	AZ438836	1M0229D09
c4242	7	35.0	56	8	AZ467443	AZ467443	1M0278O16
c4243	7	35.0	56	8	AZ483299	AZ483299	1M0308F20
4244	7	35.0	56	8	AZ492220	AZ492220	1M0326A14
4245	7	35.0	56	8	AZ497684	AZ497684	1M0334E12
c4246	7	35.0	56	8	AZ504512	AZ504512	1M0344C19
4247	7	35.0	56	8	AZ588408	AZ588408	1M0396P08
c4248	7	35.0	56	8	AZ630437	AZ630437	1M0484F04
c4249	7	35.0	56	8	AZ631955	AZ631955	1M0486D24
4250	7	35.0	56	8	AZ660085	AZ660085	1M0537M24
c4251	7	35.0	56	8	AZ755011	AZ755011	cq06g08.f
4252	7	35.0	56	8	AZ758186	AZ758186	1M0550N02
c4253	7	35.0	56	8	AZ770273	AZ770273	1M0571D15
4254	7	35.0	56	8	AZ785063	AZ785063	2M0028B08
c4255	7	35.0	56	8	AZ809245	AZ809245	2M0073I08
c4256	7	35.0	56	8	AZ871171	AZ871171	2M0183J20
c4257	7	35.0	56	8	AZ921265	AZ921265	1006029B0
4258	7	35.0	56	8	AZ921471	AZ921471	1006030B0
c4259	7	35.0	56	8	AZ924007	AZ924007	4906.ic27
c4260	7	35.0	56	8	AZ987890	AZ987890	2M0270F15
4261	7	35.0	56	8	BH218132	BH218132	1006076G1
c4262	7	35.0	56	8	BH221475	BH221475	1006101D1
4263	7	35.0	56	8	BH627126	BH627126	1007068H0
4264	7	35.0	56	8	BH770753	BH770753	LLMGtag5
c4265	7	35.0	56	8	BH790369	BH790369	SALK_0569
4266	7	35.0	56	8	BH851250	BH851250	SALK_0727
c4267	7	35.0	56	8	BH853884	BH853884	SALK_0784
4268	7	35.0	56	8	BH862296	BH862296	SALK_0893
4269	7	35.0	56	8	BH862297	BH862297	SALK_0893
4270	7	35.0	56	8	BH862302	BH862302	SALK_0893
c4271	7	35.0	56	8	BH864431	BH864431	SALK_0960
4272	7	35.0	56	8	BH865702	BH865702	SALK_0997
4273	7	35.0	56	8	BH893887	BH893887	3526_1_26
4274	7	35.0	56	8	BH894317	BH894317	3526_1_28
4275	7	35.0	56	8	BH904136	BH904136	SALK_1040
4276	7	35.0	56	8	BH910307	BH910307	SALK_0589
4277	7	35.0	56	8	BH914166	BH914166	3526_1_42
c4278	7	35.0	56	8	BZ589979	BZ589979	3590_1_73
4279	7	35.0	56	8	BZ593128	BZ593128	SALK_0621
c4280	7	35.0	56	8	BZ763477	BZ763477	SALK_1180
c4281	7	35.0	56	8	BZ767170	BZ767170	SALK_1384
4282	7	35.0	56	8	CC182583	CC182583	02S2027-0
4283	7	35.0	56	9	AG188240	AG188240	Pan trogl
c4284	7	35.0	56	9	AG188240	AG188240	Pan trogl
4285	7	35.0	56	9	AG189849	AG189849	Pan trogl
c4286	7	35.0	56	9	AG194347	AG194347	Pan trogl
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c4288	7	35.0	56	9	AL764499	AL764499	Arabidops
4289	7	35.0	56	9	AL766982	AL766982	Arabidops
c4290	7	35.0	56	9	BX123623	BX123623	Danio rer
c4291	7	35.0	56	9	BX124449	BX124449	Danio rer
c4292	7	35.0	56	9	BX291501	BX291501	Arabidops
c4293	7	35.0	56	9	BX292089	BX292089	Arabidops
4294	7	35.0	56	9	BX547252	BX547252	Arabidops
4295	7	35.0	56	9	BX662258	BX662258	Arabidops
4296	7	35.0	56	9	BX663442	BX663442	Arabidops
4297	7	35.0	56	9	BX892692	BX892692	Arabidops
4298	7	35.0	56	9	CR011801	CR011801	Reverse s
c4299	7	35.0	56	9	CR023382	CR023382	Forward s
4300	7	35.0	56	9	CR047170	CR047170	Forward s
4301	7	35.0	56	9	CR052218	CR052218	Reverse s
c4302	7	35.0	56	9	CR117651	CR117651	Forward s
c4303	7	35.0	56	9	CR127678	CR127678	Forward s
4304	7	35.0	56	9	CR143356	CR143356	Forward s
4305	7	35.0	56	9	CR220243	CR220243	Forward s
c4306	7	35.0	56	9	CR260719	CR260719	Reverse s
c4307	7	35.0	56	9	CR275496	CR275496	Forward s
4308	7	35.0	56	9	CR343474	CR343474	Medicago
c4309	7	35.0	56	9	CR356677	CR356677	Arabidops
4310	7	35.0	56	9	CR394659	CR394659	Arabidops
c4311	7	35.0	56	9	CR402017	CR402017	Arabidops
4312	7	35.0	56	9	DME546426	AJ546426	Drosophil
4313	7	35.0	56	9	HSMC43C10	X88061	H.sapiens D
4314	7	35.0	56	9	TA143H05Q	AL467038	T. brucei
c4315	7	35.0	56	9	TA15E12Q	AL452030	T. brucei
4316	7	35.0	56	9	TA209B01P	AL479805	T. brucei
4317	7	35.0	56	9	TA366H10P	AL494027	T. brucei
4318	7	35.0	56	9	TA381C04P	AL498052	T. brucei
4319	7	35.0	56	9	CC516157	CC516157	CH240_361
4320	7	35.0	56	9	CC566937	CC566937	CH240_440
c4321	7	35.0	56	9	CC883024	CC883024	02S2018-0
4322	7	35.0	56	9	CG708765	CG708765	1119010F0
c4323	7	35.0	56	9	CG719699	CG719699	1119058G0
4324	7	35.0	56	9	CG720674	CG720674	1119063D0
4325	7	35.0	56	9	CG773332	CG773332	1123016D0
4326	7	35.0	56	9	CG774689	CG774689	1123020A0
4327	7	35.0	56	9	CG774740	CG774740	1123020C1
4328	7	35.0	56	9	CG776310	CG776310	1123001B0
4329	7	35.0	56	9	CG776598	CG776598	1123002B1
4330	7	35.0	56	9	CG778841	CG778841	1123030E1
4331	7	35.0	56	9	CG782084	CG782084	1123048D0

c4332	7	35.0	56	9	CL211515	CL211515 M014C06 G
c4333	7	35.0	56	9	CL246857	CL246857 02S0715-0
c4334	7	35.0	56	9	CL307731	CL307731 02S0135-1
c4335	7	35.0	56	9	CL518196	CL518196 DAD7C10 F
4336	7	35.0	56	9	CL528717	CL528717 ASV6A06.f
c4337	7	35.0	56	9	CW020276	CW020276 GC0534 TI
4338	7	35.0	57	1	AA027658	AA027658 mi12a07.r
c4339	7	35.0	57	1	AA653841	AA653841 ns99g02.s
4340	7	35.0	57	1	AA896454	AA896454 vx63a10.r
4341	7	35.0	57	1	AA896458	AA896458 vx63b04.r
c4342	7	35.0	57	1	AI323983	AI323983 mb21h10.x
4343	7	35.0	57	1	AL036779	AL036779 DKFZp564K
c4344	7	35.0	57	1	AL963206	AL963206 AL963206
4345	7	35.0	57	1	AL967638	AL967638 AL967638
c4346	7	35.0	57	1	AL967638	AL967638 AL967638
4347	7	35.0	57	1	AU010652	AU010652 AU010652
c4348	7	35.0	57	1	AU173633	AU173633 AU173633
4349	7	35.0	57	1	AA270702	AA270702 va67a08.r
c4350	7	35.0	57	1	AV530627	AV530627 AV530627
c4351	7	35.0	57	1	AA546747	AA546747 vk66g11.s
c4352	7	35.0	57	1	AA572046	AA572046 vk95b07.r
c4353	7	35.0	57	1	AA617419	AA617419 vj74d12.r
c4354	7	35.0	57	2	BF531233	BF531233 602091040
4355	7	35.0	57	2	AV950934	AV950934 AV950934
4356	7	35.0	57	2	AW395131	AW395131 sh40c08.y
c4357	7	35.0	57	2	AW781203	AW781203 sk65e06.y
4358	7	35.0	57	2	BE408921	BE408921 601303913
4359	7	35.0	57	2	BE621725	BE621725 601493411
4360	7	35.0	57	2	BE656399	BE656399 UI-M-BH0-
4361	7	35.0	57	4	BG112031	BG112031 602281876
4362	7	35.0	57	4	BG261742	BG261742 602373529
c4363	7	35.0	57	4	BG777255	BG777255 602664486
c4364	7	35.0	57	4	BI657774	BI657774 603283172
4365	7	35.0	57	4	BI704110	BI704110 ro54c03.y
c4366	7	35.0	57	4	BI833610	BI833610 603088303
c4367	7	35.0	57	4	BM873444	BM873444 laa12f07.
c4368	7	35.0	57	4	BM874042	BM874042 laa11e12.
c4369	7	35.0	57	4	BM874269	BM874269 laa08c04.
c4370	7	35.0	57	5	BQ392833	BQ392833 NISC_mq26
c4371	7	35.0	57	5	BQ519581	BQ519581 rd37a04.y
4372	7	35.0	57	5	BQ570004	BQ570004 gi142b11.
4373	7	35.0	57	5	BU583290	BU583290 mai03a11.
4374	7	35.0	57	6	CA968510	CA968510 CcLL02a07
4375	7	35.0	57	6	CB211852	CB211852 OML02132
4376	7	35.0	57	6	CB353972	CB353972 ZF001-P00
4377	7	35.0	57	7	CF099756	CF099756 rd83e01.y
4378	7	35.0	57	7	CF315371	CF315371 HD--04-E0
c4379	7	35.0	57	7	CF332302	CF332302 NACL--08-
4380	7	35.0	57	7	CN569661	CN569661 tag54h03.
c4381	7	35.0	57	7	CN865199	CN865199 001002AAL
c4382	7	35.0	57	7	CN866205	CN866205 001009AAM
4383	7	35.0	57	7	CO739239	CO739239 S1LE04c22
c4384	7	35.0	57	7	CO779574	CO779574 BL007B_A0
4385	7	35.0	57	7	F36654	F36654 HSPD34532 H
4386	7	35.0	57	7	T12567	T12567 CHR90087 Ch
c4387	7	35.0	57	7	T89907	T89907 ye11b09.r1
c4388	7	35.0	57	7	W98987	W98987 mf86f12.r1
4389	7	35.0	57	8	AZ310650	AZ310650 1M0025O11
c4390	7	35.0	57	8	AZ344037	AZ344037 1M0077A19
c4391	7	35.0	57	8	AZ344235	AZ344235 1M0078F08
4392	7	35.0	57	8	AZ483824	AZ483824 1M0310F05
4393	7	35.0	57	8	AZ579962	AZ579962 1M0368D05
4394	7	35.0	57	8	AZ580052	AZ580052 1M0368F07
c4395	7	35.0	57	8	AZ606962	AZ606962 1M0429I08
c4396	7	35.0	57	8	AZ607210	AZ607210 1M0429I03
4397	7	35.0	57	8	AZ619009	AZ619009 1M0451F11
c4398	7	35.0	57	8	AZ621029	AZ621029 1M0454D05
c4399	7	35.0	57	8	AZ630978	AZ630978 1M0484B16
4400	7	35.0	57	8	AZ632733	AZ632733 1M0487I02
c4401	7	35.0	57	8	AZ649312	AZ649312 1M0518G06
c4402	7	35.0	57	8	AZ755655	AZ755655 ev02f07.x
4403	7	35.0	57	8	AZ758709	AZ758709 1M0550B21
c4404	7	35.0	57	8	AZ803892	AZ803892 2M0064F05
4405	7	35.0	57	8	AZ814319	AZ814319 2M0082D09
c4406	7	35.0	57	8	AZ919025	AZ919025 1006013F0
c4407	7	35.0	57	8	AZ920221	AZ920221 1006018G0
4408	7	35.0	57	8	AZ941312	AZ941312 2M0201F04
c4409	7	35.0	57	8	AZ944920	AZ944920 2M0206C10
4410	7	35.0	57	8	B01469	B01469 cSRL-132b12
c4411	7	35.0	57	8	B01469	B01469 cSRL-132b12
c4412	7	35.0	57	8	B02361	B02361 cSRL-152B10
4413	7	35.0	57	8	B05010	B05010 cSRL-51F6-u
c4414	7	35.0	57	8	BH220752	BH220752 1006096G0
c4415	7	35.0	57	8	BH417603	BH417603 1007058H0
c4416	7	35.0	57	8	BH624176	BH624176 1007105B1
4417	7	35.0	57	8	BH636784	BH636784 1008013B0
4418	7	35.0	57	8	BH790519	BH790519 SALK_0572
4419	7	35.0	57	8	BH811205	BH811205 SALK_0576
c4420	7	35.0	57	8	BH812624	BH812624 SALK_0622
c4421	7	35.0	57	8	BH865557	BH865557 SALK_0989
4422	7	35.0	57	8	BH889388	BH889388 3526_1_10
4423	7	35.0	57	8	BH889487	BH889487 3526_1_10
4424	7	35.0	57	8	BH889495	BH889495 3526_1_10
4425	7	35.0	57	8	BH894595	BH894595 3526_1_2_
4426	7	35.0	57	8	BH897403	BH897403 3526_1_7_
4427	7	35.0	57	8	BH897659	BH897659 3526_1_8_
4428	7	35.0	57	8	BH918547	BH918547 3526_1_61
c4429	7	35.0	57	8	BZ287839	BZ287839 SALK_0212
4430	7	35.0	57	8	BZ594777	BZ594777 SALK_0851
4431	7	35.0	57	8	BZ764650	BZ764650 SALK_1260
4432	7	35.0	57	8	CC326400	CC326400 XN750 Bay
c4433	7	35.0	57	8	CC456065	CC456065 SALK_0933
c4434	7	35.0	57	9	AG215082	AG215082 Drosophil
c4435	7	35.0	57	9	AG215117	AG215117 Drosophil
c4436	7	35.0	57	9	AG215689	AG215689 Drosophil
4437	7	35.0	57	9	AJ594902	AJ594902 Arabidops
4438	7	35.0	57	9	AJ595149	AJ595149 Arabidops
4439	7	35.0	57	9	AL764704	AL764704 Arabidops
c4440	7	35.0	57	9	AL936458	AL936458 Arabidops
c4441	7	35.0	57	9	AL947778	AL947778 Arabidops
4442	7	35.0	57	9	AL947858	AL947858 Arabidops
4443	7	35.0	57	9	BX001494	BX001494 Arabidops
4444	7	35.0	57	9	BX122337	BX122337 Danio rer
c4445	7	35.0	57	9	BX184340	BX184340 Danio rer
c4446	7	35.0	57	9	BX285966	BX285966 Arabidops
4447	7	35.0	57	9	BX286685	BX286685 Arabidops
c4448	7	35.0	57	9	BX291765	BX291765 Arabidops
c4449	7	35.0	57	9	BX657485	BX657485 Arabidops
4450	7	35.0	57	9	CR014012	CR014012 Forward s
4451	7	35.0	57	9	CR023239	CR023239 Forward s
4452	7	35.0	57	9	CR076353	CR076353 Reverse s
c4453	7	35.0	57	9	CR076353	CR076353 Reverse s
4454	7	35.0	57	9	CR083115	CR083115 Reverse s
4455	7	35.0	57	9	CR088190	CR088190 Reverse s
c4456	7	35.0	57	9	CR117684	CR117684 Forward s
c4457	7	35.0	57	9	CR131186	CR131186 Forward s
4458	7	35.0	57	9	CR170329	CR170329 Forward s
4459	7	35.0	57	9	CR178621	CR178621 Reverse s
c4460	7	35.0	57	9	CR270317	CR270317 Forward s
c4461	7	35.0	57	9	CR394943	CR394943 Arabidops
c4462	7	35.0	57	9	CR400053	CR400053 Arabidops
4463	7	35.0	57	9	CR404076	CR404076 Arabidops
c4464	7	35.0	57	9	DME547590	AJ547590 Drosophil
4465	7	35.0	57	9	HSMC16B04	X88369 H.sapiens D
c4466	7	35.0	57	9	TA158B03P	AL472055 T. brucei
c4467	7	35.0	57	9	CC492740	CC492740 CH240_326
c4468	7	35.0	57	9	CC567103	CC567103 CH240_441
4469	7	35.0	57	9	CC894204	CC894204 RRK032 Ba
c4470	7	35.0	57	9	CC940762	CC940762 01S0591-0
c4471	7	35.0	57	9	CG712513	CG712513 1119027D0
c4472	7	35.0	57	9	CG719773	CG719773 1119059B0
c4473	7	35.0	57	9	CG727683	CG727683 1119096A0
c4474	7	35.0	57	9	CG729152	CG729152 1119108E0
4475	7	35.0	57	9	CG774705	CG774705 1123020B0
4476	7	35.0	57	9	CG776230	CG776230 1123005D1
c4477	7	35.0	57	9	CG804986	CG804986 1118056B0

c4478	7	35.0	57	9	CG892457	CG892457 02S2019-0
c4479	7	35.0	57	9	CL002785	CL002785 02S0169-0
c4480	7	35.0	57	9	CL002885	CL002885 02S0169-0
4481	7	35.0	57	9	CL213061	CL213061 G031E04 G
c4482	7	35.0	57	9	CL213364	CL213364 M068D02 G
c4483	7	35.0	57	9	CL256810	CL256810 XT0582 Sa
4484	7	35.0	57	9	CL265815	CL265815 03F3660-0
c4485	7	35.0	57	9	CL308791	CL308791 03S0472-1
c4486	7	35.0	57	9	CL528533	CL528533 ASV19E04.
4487	7	35.0	57	9	CL640634	CL640634 G078C05 G
c4488	7	35.0	57	9	CL885014	CL885014 abf70c05.
c4489	7	35.0	57	9	CW020535	CW020535 GC0805 TI
4490	7	35.0	58	1	AA687409	AA687409 ns16a12.s
4491	7	35.0	58	1	AA700245	AA700245 zj75a02.s
4492	7	35.0	58	1	AA789375	AA789375 vv93e07.r
4493	7	35.0	58	1	AA838232	AA838232 oe37d10.s
4494	7	35.0	58	1	AA878429	AA878429 oe14g08.s
c4495	7	35.0	58	1	AA894397	AA894397 of85g07.s
c4496	7	35.0	58	1	AA904196	AA904196 og20e04.s
c4497	7	35.0	58	1	AA912277	AA912277 ol95b06.s
4498	7	35.0	58	1	AA929101	AA929101 vq59b10.r
c4499	7	35.0	58	1	AA934015	AA934015 om58f03.s
4500	7	35.0	58	1	AA936643	AA936643 om58c11.s
4501	7	35.0	58	1	AA939298	AA939298 ol78g07.s
c4502	7	35.0	58	1	AA948422	AA948422 on52e09.s
4503	7	35.0	58	1	AA970770	AA970770 op22h08.s
c4504	7	35.0	58	1	AA985820	AA985820 ua66b06.r
c4505	7	35.0	58	1	AI000371	AI000371 ot06a10.s
c4506	7	35.0	58	1	AI020598	AI020598 ua96e05.r
4507	7	35.0	58	1	AI086416	AI086416 qf21f07.x
4508	7	35.0	58	1	AI098692	AI098692 uh38g06.r
c4509	7	35.0	58	1	AI098692	AI098692 uh38g06.r
c4510	7	35.0	58	1	AI117515	AI117515 ub89b03.r
4511	7	35.0	58	1	AI203739	AI203739 qf76c02.x
4512	7	35.0	58	1	AI221548	AI221548 qg15c02.x
4513	7	35.0	58	1	AI325914	AI325914 mq48f03.x
c4514	7	35.0	58	1	AI384459	AI384459 fb14g04.x
4515	7	35.0	58	1	AI393323	AI393323 tg44a07.x
4516	7	35.0	58	1	AA107040	AA107040 ml59b12.r
4517	7	35.0	58	1	AA129203	AA129203 zn36d03.r
c4518	7	35.0	58	1	AA145200	AA145200 ms09e10.r
4519	7	35.0	58	1	AI421989	AI421989 tf40d08.x
c4520	7	35.0	58	1	AI433571	AI433571 ti47c05.x
c4521	7	35.0	58	1	AI493286	AI493286 ti30h10.x
c4522	7	35.0	58	1	AI601528	AI601528 fc08a05.x
c4523	7	35.0	58	1	AI811130	AI811130 tr06c06.x
c4524	7	35.0	58	1	AI828465	AI828465 wk85e10.x
4525	7	35.0	58	1	AI889432	AI889432 wn04c03.x
4526	7	35.0	58	1	AI941369	AI941369 sc12d01.y
4527	7	35.0	58	1	AI964905	AI964905 fc82h09.y
4528	7	35.0	58	1	AJ666385	AJ666385 AJ666385
c4529	7	35.0	58	1	AJ791183	AJ791183 AJ791183
4530	7	35.0	58	1	AJ793472	AJ793472 AJ793472
4531	7	35.0	58	1	AA152356	AA152356 zo07a01.s
4532	7	35.0	58	1	AA164130	AA164130 mq84f08.r
4533	7	35.0	58	1	AA211934	AA211934 zq85e02.s
4534	7	35.0	58	1	AL669016	AL669016 AL669016
c4535	7	35.0	58	1	AL775172	AL775172 AL775172
4536	7	35.0	58	1	AL966157	AL966157 AL966157
4537	7	35.0	58	1	AA237678	AA237678 mx77f12.r
4538	7	35.0	58	1	AA237864	AA237864 mx77c09.r
c4539	7	35.0	58	1	AA241953	AA241953 mw25g04.r
c4540	7	35.0	58	1	AA252412	AA252412 zs12f04.r
4541	7	35.0	58	1	AA258328	AA258328 zr60h11.s
4542	7	35.0	58	1	AA290946	AA290946 zs45a01.s
4543	7	35.0	58	1	AV833735	AV833735 AV833735
c4544	7	35.0	58	1	AV836259	AV836259 AV836259
4545	7	35.0	58	1	AA394123	AA394123 zt52g08.s
4546	7	35.0	58	1	AA453325	AA453325 zx44f05.r
c4547	7	35.0	58	1	AA455334	AA455334 aa02g04.s
c4548	7	35.0	58	1	AA468168	AA468168 nc73b11.r
c4549	7	35.0	58	1	AA593563	AA593563 nn16b05.s
4550	7	35.0	58	2	BF507264	BF507264 6916P-22
4551	7	35.0	58	2	AW099553	AW099553 sd43d07.y
c4552	7	35.0	58	2	AW396013	AW396013 sh08b08.y
c4553	7	35.0	58	2	BE023064	BE023064 sm90c05.y
c4554	7	35.0	58	2	BE257253	BE257253 601108040
4555	7	35.0	58	2	BE287636	BE287636 601093238
4556	7	35.0	58	2	BE619262	BE619262 601473133
4557	7	35.0	58	2	BE868693	BE868693 601445922
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c4560	7	35.0	58	4	BG862077	BG862077 602795607
c4561	7	35.0	58	4	BG867994	BG867994 602788344
c4562	7	35.0	58	4	BI094815	BI094815 EST-CD34N
c4563	7	35.0	58	4	BI175069	BI175069 OSTR007D1
c4564	7	35.0	58	4	BI907220	BI907220 603065229
c4565	7	35.0	58	4	BI912872	BI912872 603176087
c4566	7	35.0	58	4	BI914953	BI914953 603181089
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c4568	7	35.0	58	4	BM431782	BM431782 1Duo27D12
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4570	7	35.0	58	4	BM517825	BM517825 ki82g12.y
c4571	7	35.0	58	4	BM873879	BM873879 1aa06c12.
4572	7	35.0	58	5	BX710659	BX710659 BX710659
4573	7	35.0	58	5	BX770237	BX770237 BX770237
4574	7	35.0	58	6	CA395399	CA395399 cs64a07.y
c4575	7	35.0	58	6	CA587516	CA587516 LBE13p34P
c4576	7	35.0	58	6	CA939139	CA939139 ru73e10.y
4577	7	35.0	58	6	CB227430	CB227430 1Ru39B06
4578	7	35.0	58	6	CB299630	CB299630 ru26a06.y
c4579	7	35.0	58	6	CB920034	CB920034 VVD058E02
4580	7	35.0	58	6	CD286232	CD286232 11_C19.ab
c4581	7	35.0	58	6	CD286440	CD286440 12_A23.ab
4582	7	35.0	58	7	CF844186	CF844186 psHB026xP
4583	7	35.0	58	7	CF876746	CF876746 tric042xf
4584	7	35.0	58	7	CK589756	CK589756 IST_WI5_4
4585	7	35.0	58	7	CN485310	CN485310 hx26c02.y
4586	7	35.0	58	7	CN620511	CN620511 TgESTzyn1
4587	7	35.0	58	7	CO517121	CO517121 s13dSG29G
4588	7	35.0	58	7	CO536638	CO536638 tah04h07.
4589	7	35.0	58	7	CO782252	CO782252 BL014D_A0
c4590	7	35.0	58	7	CR423959	CR423959 CR423959
c4591	7	35.0	58	7	CV307128	CV307128 tj41b01.g
4592	7	35.0	58	7	CV520755	CV520755 0089P0049
c4593	7	35.0	58	7	H04696	H04696 yj10f09.r1
c4594	7	35.0	58	7	H49949	H49949 yo25g03.r1
4595	7	35.0	58	7	H94905	H94905 yu57b02.r1
4596	7	35.0	58	7	N39905	N39905 yx95g03.r1
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4598	7	35.0	58	7	T63739	T63739 yc23e09.r1
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c4600	7	35.0	58	7	W64054	W64054 md77d12.r1
c4601	7	35.0	58	7	W78899	W78899 zh52g04.r1
4602	7	35.0	58	7	W91093	W91093 mf71b07.r1
4603	7	35.0	58	8	AY685660	AY685660 AY685660
c4604	7	35.0	58	8	AZ303909	AZ303909 1M0003D16
4605	7	35.0	58	8	AZ317235	AZ317235 1M0035K12
c4606	7	35.0	58	8	AZ656081	AZ656081 1M0531J19
4607	7	35.0	58	8	AZ767622	AZ767622 1M0566J21
c4608	7	35.0	58	8	AZ776004	AZ776004 2M0009N15
4609	7	35.0	58	8	AZ779509	AZ779509 2M0016G06
4610	7	35.0	58	8	AZ796876	AZ796876 2M0052K18
c4611	7	35.0	58	8	AZ807874	AZ807874 2M0071F06
c4612	7	35.0	58	8	AZ830130	AZ830130 2M0109K11
c4613	7	35.0	58	8	AZ836590	AZ836590 2M0131B03
c4614	7	35.0	58	8	B02603	B02603 cSRL-157A11
c4615	7	35.0	58	8	BH623868	BH623868 1007097F0
4616	7	35.0	58	8	BH636732	BH636732 1008012H0
c4617	7	35.0	58	8	BH792160	BH792160 SALK_0628
4618	7	35.0	58	8	BH813133	BH813133 SALK_0637
c4619	7	35.0	58	8	BH865073	BH865073 SALK_0973
4620	7	35.0	58	8	BH891053	BH891053 3526_1_16
4621	7	35.0	58	8	BH892456	BH892456 3526_1_21
4622	7	35.0	58	8	BH892949	BH892949 3526_1_23
c4623	7	35.0	58	8	BH903250	BH903250 SALK_1023

4624	7	35.0	58	8	BH906722	BH906722 SALK_0354
c4625	7	35.0	58	8	BH907697	BH907697 SALK_0437
4626	7	35.0	58	8	BH913481	BH913481 3526_1_39
4627	7	35.0	58	8	BH917302	BH917302 3526_1_55
c4628	7	35.0	58	8	BZ583586	BZ583586 3590_1_52
4629	7	35.0	58	8	BZ762173	BZ762173 SALK_0918
4630	7	35.0	58	8	BZ765849	BZ765849 SALK_1348
c4631	7	35.0	58	8	CC057305	CC057305 SALK_1188
4632	7	35.0	58	8	CC156068	CC156068 NPX076 Ba
4633	7	35.0	58	9	AG202528	AG202528 Pan trogl
4634	7	35.0	58	9	AL752299	AL752299 Arabidops
c4635	7	35.0	58	9	AL755083	AL755083 Arabidops
4636	7	35.0	58	9	AL759745	AL759745 Arabidops
c4637	7	35.0	58	9	AL768695	AL768695 Arabidops
4638	7	35.0	58	9	AL946188	AL946188 Arabidops
c4639	7	35.0	58	9	AL947414	AL947414 Arabidops
4640	7	35.0	58	9	AL950776	AL950776 Arabidops
4641	7	35.0	58	9	BX203787	BX203787 Danio rer
4642	7	35.0	58	9	BX222303	BX222303 Danio rer
4643	7	35.0	58	9	BX230149	BX230149 Danio rer
4644	7	35.0	58	9	BX247207	BX247207 Danio rer
c4645	7	35.0	58	9	BX534490	BX534490 Arabidops
4646	7	35.0	58	9	BX894233	BX894233 Arabidops
c4647	7	35.0	58	9	BX894233	BX894233 Arabidops
4648	7	35.0	58	9	BX947875	BX947875 Arabidops
4649	7	35.0	58	9	CR024193	CR024193 Forward s
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4652	7	35.0	58	9	CR088059	CR088059 Forward s
4653	7	35.0	58	9	CR097543	CR097543 Forward s
4654	7	35.0	58	9	CR120695	CR120695 Reverse s
4655	7	35.0	58	9	CR162203	CR162203 Forward s
c4656	7	35.0	58	9	CR260711	CR260711 Forward s
4657	7	35.0	58	9	TA228A11P	AL480958 T. brucei
c4658	7	35.0	58	9	CC536353	CC536353 CH240_415
c4659	7	35.0	58	9	CC819912	CC819912 1O0006H14
c4660	7	35.0	58	9	CC887783	CC887783 SALK_1507
4661	7	35.0	58	9	CG727548	CG727548 1119095D0
c4662	7	35.0	58	9	CG732693	CG732693 1119150C0
4663	7	35.0	58	9	CG732759	CG732759 1119150H0
4664	7	35.0	58	9	CG776222	CG776222 1123005D0
4665	7	35.0	58	9	CG776317	CG776317 1123001B0
4666	7	35.0	58	9	CG777589	CG777589 1123055A0
4667	7	35.0	58	9	CG778301	CG778301 1123027G0
c4668	7	35.0	58	9	CL213342	CL213342 A051A07 G
4669	7	35.0	58	9	CL247053	CL247053 03S3061-0
4670	7	35.0	58	9	CL265838	CL265838 03F3660-0
4671	7	35.0	58	9	CL302145	CL302145 G052A10 G
c4672	7	35.0	58	9	CL308947	CL308947 03S0472-1
c4673	7	35.0	58	9	CL528654	CL528654 ASV25E01.
4674	7	35.0	58	9	CL894862	CL894862 abg29e08.
4675	7	35.0	59	1	AA701184	AA701184 zj79e11.s
4676	7	35.0	59	1	AA862784	AA862784 oh41b06.s
c4677	7	35.0	59	1	AI451268	AI451268 mt75c01.x
c4678	7	35.0	59	1	AJ454015	AJ454015 AJ454015
4679	7	35.0	59	1	AJ798797	AJ798797 AJ798797
4680	7	35.0	59	1	AL965170	AL965170 AL965170
c4681	7	35.0	59	1	AU011324	AU011324 AU011324
c4682	7	35.0	59	1	AU173723	AU173723 AU173723
c4683	7	35.0	59	1	AU263985	AU263985 AU263985
4684	7	35.0	59	1	AV948959	AV948959 AV948959
c4685	7	35.0	59	2	AW063754	AW063754 DP0356 KR
4686	7	35.0	59	2	AW246034	AW246034 2821301.5
c4687	7	35.0	59	2	AW279646	AW279646 fj42f05.x
4688	7	35.0	59	2	BE317279	BE317279 NF058D11L
4689	7	35.0	59	2	BE526842	BE526842 M66H21STM
c4690	7	35.0	59	2	BE739415	BE739415 601555891
4691	7	35.0	59	3	AY432388	AY432388 Aedes aeg
c4692	7	35.0	59	4	BG174219	BG174219 602334531
4693	7	35.0	59	4	BG409364	BG409364 gb91e01.y
4694	7	35.0	59	4	BG721695	BG721695 602695848
c4695	7	35.0	59	5	BQ060400	BQ060400 Th1098 Th
4696	7	35.0	59	5	BQ584708	BQ584708 E011676-0
c4697	7	35.0	59	5	BX761819	BX761819 BX761819
4698	7	35.0	59	6	CA587725	CA587725 LBE15p04P
4699	7	35.0	59	6	CA851324	CA851324 D12E05_J1
c4700	7	35.0	59	6	CB210038	CB210038 OML00318
4701	7	35.0	59	6	CB261379	CB261379 03-E9571-
4702	7	35.0	59	6	CB351979	CB351979 ZF001-P00
c4703	7	35.0	59	7	CF855318	CF855318 psML003xH
c4704	7	35.0	59	7	CN546230	CN546230 EST 18182
4705	7	35.0	59	7	CN628669	CN628669 tae94g01.
4706	7	35.0	59	7	CR427468	CR427468 CR427468
c4707	7	35.0	59	7	CR564790	CR564790 CR564790
4708	7	35.0	59	7	CV130326	CV130326 pe28d01.y
c4709	7	35.0	59	7	CV304232	CV304232 tg91g08.g
4710	7	35.0	59	7	CV308341	CV308341 tj51d02.g
4711	7	35.0	59	7	N52894	N52894 yv33f11.s1
4712	7	35.0	59	7	R16827	R16827 yf34a09.s1
c4713	7	35.0	59	7	R96790	R96790 yq61e08.r1
c4714	7	35.0	59	7	T94030	T94030 ye33c08.r1
c4715	7	35.0	59	8	AZ304098	AZ304098 1M0004I04
c4716	7	35.0	59	8	AZ316082	AZ316082 1M0033P01
c4717	7	35.0	59	8	AZ317476	AZ317476 1M0036A23
c4718	7	35.0	59	8	AZ499749	AZ499749 1M0337A17
4719	7	35.0	59	8	AZ602400	AZ602400 1M0421G09
4720	7	35.0	59	8	AZ610373	AZ610373 1M0435D09
4721	7	35.0	59	8	AZ627386	AZ627386 1M0469J07
4722	7	35.0	59	8	AZ769238	AZ769238 1M0569J10
4723	7	35.0	59	8	AZ775999	AZ775999 2M0009M15
c4724	7	35.0	59	8	AZ787531	AZ787531 2M0034D05
c4725	7	35.0	59	8	AZ803487	AZ803487 2M0063K19
4726	7	35.0	59	8	AZ809122	AZ809122 2M0073B05
4727	7	35.0	59	8	AZ812360	AZ812360 2M0079C02
4728	7	35.0	59	8	AZ919748	AZ919748 1006016E0
4729	7	35.0	59	8	AZ929224	AZ929224 479.dif23
4730	7	35.0	59	8	AZ972118	AZ972118 2M0245B23
4731	7	35.0	59	8	AZ991315	AZ991315 2M0275K22
4732	7	35.0	59	8	B00210	B00210 cSRL-104d6-
c4733	7	35.0	59	8	B01703	B01703 cSRL-136e8-
4734	7	35.0	59	8	B05458	B05458 cSRL-63e6-u
c4735	7	35.0	59	8	B06924	B06924 cSRL-88D8-u
c4736	7	35.0	59	8	B41498	B41498 HS-1053-B2-
4737	7	35.0	59	8	BH418076	BH418076 3286-H2 M
4738	7	35.0	59	8	BH741803	BH741803 gt37g04.g
4739	7	35.0	59	8	BH792226	BH792226 SALK_0630
4740	7	35.0	59	8	BH811202	BH811202 SALK_0576
4741	7	35.0	59	8	BH840638	BH840638 KG05988 D
c4742	7	35.0	59	8	BH848715	BH848715 SALK_0687
4743	7	35.0	59	8	BH851733	BH851733 SALK_0734
4744	7	35.0	59	8	BH897553	BH897553 3526_1_8_
4745	7	35.0	59	8	BH907236	BH907236 SALK_0388
4746	7	35.0	59	8	BZ354569	BZ354569 SALK_1254
4747	7	35.0	59	8	BZ765749	BZ765749 SALK_1341
c4748	7	35.0	59	8	BZ770745	BZ770745 SALK_1436
4749	7	35.0	59	8	CC034283	CC034283 3591_1_68
4750	7	35.0	59	8	CC034766	CC034766 3591_1_70
c4751	7	35.0	59	8	CC038603	CC038603 3591_1_95
c4752	7	35.0	59	8	CC049603	CC049603 01S0490-0
4753	7	35.0	59	8	CC179788	CC179788 SALK_0728
4754	7	35.0	59	8	CC199990	CC199990 XH786 Bay
c4755	7	35.0	59	8	CC455769	CC455769 SALK_0865
4756	7	35.0	59	9	AG189611	AG189611 Pan trogl
4757	7	35.0	59	9	AG193578	AG193578 Pan trogl
4758	7	35.0	59	9	AG212497	AG212497 Oryza sat
4759	7	35.0	59	9	AG216967	AG216967 Drosophil
c4760	7	35.0	59	9	AG220917	AG220917 Lotus cor
c4761	7	35.0	59	9	AJ599528	AJ599528 Arabidops
4762	7	35.0	59	9	AL760459	AL760459 Arabidops
c4763	7	35.0	59	9	AL767128	AL767128 Arabidops
4764	7	35.0	59	9	AL770796	AL770796 Arabidops
4765	7	35.0	59	9	AL946424	AL946424 Arabidops
c4766	7	35.0	59	9	BX286040	BX286040 Arabidops
4767	7	35.0	59	9	BX291316	BX291316 Arabidops
4768	7	35.0	59	9	BX649768	BX649768 Arabidops
4769	7	35.0	59	9	BX649804	BX649804 Arabidops

c4770	7	35.0	59	9	BX649804	BX649804 Arabidops
4771	7	35.0	59	9	BX662691	BX662691 Arabidops
c4772	7	35.0	59	9	BX891253	BX891253 Arabidops
4773	7	35.0	59	9	BX892567	BX892567 Arabidops
4774	7	35.0	59	9	BX906254	BX906254 Leishmani
c4775	7	35.0	59	9	BX974379	BX974379 Reverse s
4776	7	35.0	59	9	CR004843	CR004843 Reverse s
4777	7	35.0	59	9	CR081213	CR081213 Reverse s
4778	7	35.0	59	9	CR103734	CR103734 Forward s
c4779	7	35.0	59	9	CR103734	CR103734 Forward s
c4780	7	35.0	59	9	CR109981	CR109981 Forward s
4781	7	35.0	59	9	CR134525	CR134525 Reverse s
4782	7	35.0	59	9	DR20F13T	AL740095 Danio rer
4783	7	35.0	59	9	LBAF044D01	BX541806 Leishmani
4784	7	35.0	59	9	LBAF081D05	BX538869 Leishmani
c4785	7	35.0	59	9	PCH303937	AJ303937 Plasmodiu
c4786	7	35.0	59	9	TA140G06Q	AL466833 T. brucei
c4787	7	35.0	59	9	TA280A06Q	AL485370 T. brucei
c4788	7	35.0	59	9	TA36E12Q	AL454379 T. brucei
4789	7	35.0	59	9	CC486213	CC486213 CH240_316
c4790	7	35.0	59	9	CC530598	CC530598 CH240_407
4791	7	35.0	59	9	CC566702	CC566702 CH240_440
c4792	7	35.0	59	9	CC578147	CC578147 CH240_456
c4793	7	35.0	59	9	CC796808	CC796808 SALK_1441
c4794	7	35.0	59	9	CC886963	CC886963 SALK_1493
c4795	7	35.0	59	9	CG672031	CG672031 RRO048 Ba
c4796	7	35.0	59	9	CG677451	CG677451 01S0588-1
c4797	7	35.0	59	9	CG724128	CG724128 1119079G1
c4798	7	35.0	59	9	CG732315	CG732315 1119147E0
4799	7	35.0	59	9	CG776640	CG776640 1123002D0
c4800	7	35.0	59	9	CG802843	CG802843 1118035C0
4801	7	35.0	59	9	CG894963	CG894963 03S4734-0
c4802	7	35.0	59	9	CL002701	CL002701 02S0169-0
c4803	7	35.0	59	9	CL214972	CL214972 W262F04 G
4804	7	35.0	59	9	CL215284	CL215284 W272B02 G
c4805	7	35.0	59	9	CL265783	CL265783 03F3660-0
4806	7	35.0	59	9	CL294025	CL294025 02S0349-0
c4807	7	35.0	59	9	CL307686	CL307686 02F0151-1
c4808	7	35.0	60	1	AA704865	AA704865 zj52a05.s
4809	7	35.0	60	1	AA834171	AA834171 of14e11.s
c4810	7	35.0	60	1	AA834171	AA834171 of14e11.s
4811	7	35.0	60	1	AA966631	AA966631 w7c03a1.r
c4812	7	35.0	60	1	AF027906	AF027906 AF027906
c4813	7	35.0	60	1	AI141081	AI141081 qe22e12.x
c4814	7	35.0	60	1	AI308953	AI308953 tb28h06.x
c4815	7	35.0	60	1	AI735122	AI735122 as76b07.x
c4816	7	35.0	60	1	AI904671	AI904671 QV-BT065-
4817	7	35.0	60	1	AI905549	AI905549 CM-BT092-
4818	7	35.0	60	1	AJ708859	AJ708859 AJ708859
c4819	7	35.0	60	1	AA197981	AA197981 mv06c10.r
c4820	7	35.0	60	1	AV518812	AV518812 AV518812
4821	7	35.0	60	1	AA572608	AA572608 vl84h02.r
c4822	7	35.0	60	1	AA572608	AA572608 vl84h02.r
4823	7	35.0	60	2	BF300091	BF300091 602030780
c4824	7	35.0	60	2	BF300091	BF300091 602030780
4825	7	35.0	60	2	BF633657	BF633657 NF073H01D
4826	7	35.0	60	2	BF638269	BF638269 NF044A12P
4827	7	35.0	60	2	BF649447	BF649447 NF080A02E
c4828	7	35.0	60	2	BF795801	BF795801 602259230
c4829	7	35.0	60	2	BE323535	BE323535 NF010C01P
c4830	7	35.0	60	2	BE324229	BE324229 NF018B04P
c4831	7	35.0	60	2	BE570131	BE570131 601331970
4832	7	35.0	60	2	BE888643	BE888643 601513037
4833	7	35.0	60	2	BE889566	BE889566 601512481
4834	7	35.0	60	3	CNS08E8I	BX007870 Single re
c4835	7	35.0	60	4	BG099767	BG099767 ux88f11.y
4836	7	35.0	60	4	BG315279	BG315279 PO1.0.271
c4837	7	35.0	60	4	BI107075	BI107075 602894893
4838	7	35.0	60	4	BM441610	BM441610 EBed07_SQ
c4839	7	35.0	60	4	BM873883	BM873883 laa06d06.
c4840	7	35.0	60	4	BM874242	BM874242 laa03d12.
c4841	7	35.0	60	5	BP068056	BP068056 BP068056
4842	7	35.0	60	5	BP080736	BP080736 BP080736
c4843	7	35.0	60	5	BP080736	BP080736 BP080736
4844	7	35.0	60	5	BP132973	BP132973 BP132973
4845	7	35.0	60	5	BQ619967	BQ619967 TaLr1141H
c4846	7	35.0	60	5	BQ759974	BQ759974 EBpi07_SQ
c4847	7	35.0	60	5	BQ767486	BQ767486 EBro08_SQ
c4848	7	35.0	60	5	BU063296	BU063296 Fgr_2_O21
c4849	7	35.0	60	6	CA393337	CA393337 cs36f11.y
4850	7	35.0	60	6	CA966598	CA966598 CcLX07a29
4851	7	35.0	60	6	CA968563	CA968563 CcLL02a07
c4852	7	35.0	60	6	CB884905	CB884905 Ma15091 H
4853	7	35.0	60	6	CD012907	CD012907 VVC044D07
c4854	7	35.0	60	6	CD531194	CD531194 09N19 Ara
4855	7	35.0	60	6	CD944422	CD944422 RDI_10 Ge
4856	7	35.0	60	6	CD953519	CD953519 SBI_50 Ge
4857	7	35.0	60	6	CD960635	CD960635 SDE_53 Ge
4858	7	35.0	60	6	CD963439	CD963439 SDU_25 Ge
4859	7	35.0	60	6	CD963546	CD963546 SDV_157 G
c4860	7	35.0	60	6	CD965450	CD965450 SEK_122 G
4861	7	35.0	60	7	CF651822	CF651822 17-L02016
c4862	7	35.0	60	7	CK123378	CK123378 BES182410
c4863	7	35.0	60	7	CK616333	CK616333 ou16f08.y
4864	7	35.0	60	7	CK723714	CK723714 jab25b08.
c4865	7	35.0	60	7	CN485129	CN485129 hx23e05.y
4866	7	35.0	60	7	CN865241	CN865241 001002AAL
4867	7	35.0	60	7	CN869774	CN869774 001203AAO
c4868	7	35.0	60	7	CN869971	CN869971 001203AAO
4869	7	35.0	60	7	CN935242	CN935242 000302AVB
4870	7	35.0	60	7	CO739893	CO739893 S1LB06a25
4871	7	35.0	60	7	CO749080	CO749080 SnESTbaa5
c4872	7	35.0	60	7	CR425129	CR425129 CR425129
4873	7	35.0	60	7	CR426543	CR426543 CR426543
4874	7	35.0	60	7	CV059086	CV059086 BNEL44b8
4875	7	35.0	60	7	CV125546	CV125546 OSTR30041
c4876	7	35.0	60	7	D43017	D43017 D43017 Rice
4877	7	35.0	60	7	D45451	D45451 HUMGS02374
c4878	7	35.0	60	7	H55293	H55293 CHR220232 C
4879	7	35.0	60	7	H55414	H55414 CHR220353 C
c4880	7	35.0	60	7	H60587	H60587 yr41f04.s1
c4881	7	35.0	60	7	H61779	H61779 yu39f09.s1
4882	7	35.0	60	7	H87274	H87274 yt08a08.s1
4883	7	35.0	60	7	T26910	T26910 ESTDIR604 C
4884	7	35.0	60	7	T58740	T58740 yb80d02.s1
4885	7	35.0	60	7	T87154	T87154 yd64g11.s1
c4886	7	35.0	60	8	AQ074080	AQ074080 EP(2)2075
4887	7	35.0	60	8	AZ317154	AZ317154 1M0035G16
c4888	7	35.0	60	8	AZ392382	AZ392382 1M0155A05
4889	7	35.0	60	8	AZ425836	AZ425836 1M0206E15
4890	7	35.0	60	8	AZ446229	AZ446229 1M0242N01
c4891	7	35.0	60	8	AZ470222	AZ470222 1M0284N08
c4892	7	35.0	60	8	AZ577486	AZ577486 10f06 Sho
c4893	7	35.0	60	8	AZ613012	AZ613012 1M0441K11
c4894	7	35.0	60	8	AZ797542	AZ797542 2M0053M16
4895	7	35.0	60	8	AZ802637	AZ802637 2M0061C07
4896	7	35.0	60	8	AZ921615	AZ921615 1006030G0
4897	7	35.0	60	8	AZ947738	AZ947738 2M0210L02
c4898	7	35.0	60	8	AZ972019	AZ972019 2M0245A18
4899	7	35.0	60	8	B34652	B34652 HS-1025-A1-
4900	7	35.0	60	8	BH614786	BH614786 31h21 LL1
c4901	7	35.0	60	8	BH638762	BH638762 1008024F0
4902	7	35.0	60	8	BH643203	BH643203 1008055B0
c4903	7	35.0	60	8	BH643728	BH643728 1008059G0
4904	7	35.0	60	8	BH790629	BH790629 SALK_0574
c4905	7	35.0	60	8	BH791859	BH791859 SALK_0618
4906	7	35.0	60	8	BH811635	BH811635 SALK_0592
c4907	7	35.0	60	8	BH850103	BH850103 SALK_0708
c4908	7	35.0	60	8	BH852017	BH852017 SALK_0740
4909	7	35.0	60	8	BH862896	BH862896 SALK_0907
4910	7	35.0	60	8	BH894565	BH894565 3526_1_2_
4911	7	35.0	60	8	BH895321	BH895321 3526_1_33
4912	7	35.0	60	8	BH897098	BH897098 3526_1_6_
4913	7	35.0	60	8	BH902664	BH902664 SALK_0982
4914	7	35.0	60	8	BH902828	BH902828 SALK_1010
4915	7	35.0	60	8	BH916372	BH916372 3526_1_52

4916	7	35.0	60	8	BH916727	BH916727 3526_1_53
4917	7	35.0	60	8	BH918852	BH918852 3526_1_62
4918	7	35.0	60	8	BZ287145	BZ287145 SALK_0205
c4919	7	35.0	60	8	BZ380044	BZ380044 SALK_1145
c4920	7	35.0	60	8	BZ662418	BZ662418 SALK_0259
c4921	7	35.0	60	8	BZ761908	BZ761908 SALK_0830
c4922	7	35.0	60	8	BZ764149	BZ764149 SALK_1240
4923	7	35.0	60	8	CC020919	CC020919 3591_1_21
4924	7	35.0	60	8	CC144421	CC144421 XB244 Bay
c4925	7	35.0	60	8	CC179537	CC179537 SALK_0708
4926	7	35.0	60	9	AG202617	AG202617 Pan trogl
4927	7	35.0	60	9	AG203139	AG203139 Pan trogl
4928	7	35.0	60	9	AJ589534	AJ589534 Arabidops
4929	7	35.0	60	9	AJ597694	AJ597694 Arabidops
c4930	7	35.0	60	9	AJ598288	AJ598288 Arabidops
c4931	7	35.0	60	9	AJ599326	AJ599326 Arabidops
c4932	7	35.0	60	9	AJ599346	AJ599346 Arabidops
c4933	7	35.0	60	9	AL761023	AL761023 Arabidops
c4934	7	35.0	60	9	AL768694	AL768694 Arabidops
4935	7	35.0	60	9	BX288639	BX288639 Arabidops
c4936	7	35.0	60	9	BX289106	BX289106 Arabidops
c4937	7	35.0	60	9	BX292263	BX292263 Arabidops
4938	7	35.0	60	9	BX536483	BX536483 Arabidops
4939	7	35.0	60	9	BX651028	BX651028 Arabidops
c4940	7	35.0	60	9	BX652431	BX652431 Arabidops
c4941	7	35.0	60	9	BX985754	BX985754 Forward s
4942	7	35.0	60	9	BX987441	BX987441 Reverse s
c4943	7	35.0	60	9	BX992378	BX992378 Forward s
c4944	7	35.0	60	9	CNS04927	AL280024 Tetraodon
4945	7	35.0	60	9	CNS04KUZ	AL295316 Tetraodon
4946	7	35.0	60	9	CR037670	CR037670 Forward s
4947	7	35.0	60	9	CR043725	CR043725 Reverse s
4948	7	35.0	60	9	CR048751	CR048751 Reverse s
4949	7	35.0	60	9	CR055193	CR055193 Forward s
c4950	7	35.0	60	9	CR109327	CR109327 Forward s
c4951	7	35.0	60	9	CR152224	CR152224 Reverse s
4952	7	35.0	60	9	CR202564	CR202564 Reverse s
4953	7	35.0	60	9	CR225716	CR225716 Forward s
4954	7	35.0	60	9	CR357400	CR357400 Arabidops
4955	7	35.0	60	9	CR770487	CR770487 Arabidops
c4956	7	35.0	60	9	PCH303635	AJ303635 Plasmodiu
4957	7	35.0	60	9	TA111D10P	AL461857 T. brucei
4958	7	35.0	60	9	TA126B03P	AL463818 T. brucei
4959	7	35.0	60	9	TA153B02P	AL467266 T. brucei
4960	7	35.0	60	9	CC493318	CC493318 CH240_327
4961	7	35.0	60	9	CC596426	CC596426 CH240_398
4962	7	35.0	60	9	CC793677	CC793677 SALK_0173
c4963	7	35.0	60	9	CC797585	CC797585 SALK_1451
4964	7	35.0	60	9	CC887156	CC887156 SALK_1496
c4965	7	35.0	60	9	CG712436	CG712436 1119027A0
4966	7	35.0	60	9	CG714029	CG714029 1119034F0
c4967	7	35.0	60	9	CG714029	CG714029 1119034F0
4968	7	35.0	60	9	CG986097	CG986097 CH240_156
4969	7	35.0	60	9	CL016011	CL016011 PST4480-N
c4970	7	35.0	60	9	CL234429	CL234429 02S0422-0
4971	7	35.0	60	9	CL247047	CL247047 03S3061-0
4972	7	35.0	60	9	CL247051	CL247051 03S3061-0
4973	7	35.0	60	9	CL265814	CL265814 03F3660-0
c4974	7	35.0	60	9	CL308412	CL308412 03F3668-0
c4975	7	35.0	60	9	CL308650	CL308650 03S0467-1
c4976	7	35.0	60	9	CL309618	CL309618 03S2012-0
c4977	7	35.0	60	9	CL311104	CL311104 03S4743-0
c4978	7	35.0	60	9	CL441014	CL441014 PSTVU01.O
4979	7	35.0	60	9	CL640642	CL640642 G078D05 G
4980	7	35.0	60	9	CL879970	CL879970 abf43b10.
c4981	6	30.0	9	7	CF307276	CF307276 HDA1--06-
c4982	6	30.0	9	7	CF307431	CF307431 HDA1--06-
4983	6	30.0	9	9	CL672804	CL672804 PRI017d_E
c4984	6	30.0	9	9	CL681447	CL681447 PRI0131a_
c4985	6	30.0	10	9	CL437642	CL437642 PST6016-N
4986	6	30.0	10	9	CL437964	CL437964 PST6598-N
c4987	6	30.0	10	9	CL439216	CL439216 PST8869-N
4988	6	30.0	10	9	CL439381	CL439381 PST9134-N
4989	6	30.0	10	9	CL686823	CL686823 PRI0145b_
4990	6	30.0	11	1	AJ655617	AJ655617 AJ655617
c4991	6	30.0	11	7	CF339065	CF339065 RCL1--03-
4992	6	30.0	11	9	AJ588882	AJ588882 Arabidops
4993	6	30.0	11	9	AJ594899	AJ594899 Arabidops
4994	6	30.0	11	9	AJ595317	AJ595317 Arabidops
4995	6	30.0	12	1	AJ649875	AJ649875 AJ649875
4996	6	30.0	12	1	AJ687096	AJ687096 AJ687096
c4997	6	30.0	12	1	AJ687876	AJ687876 AJ687876
c4998	6	30.0	12	9	AJ597414	AJ597414 Arabidops
4999	6	30.0	12	9	CL423764	CL423764 01S0750-0
c5000	6	30.0	12	9	CL437025	CL437025 PST4343-N
5001	6	30.0	13	1	AJ652902	AJ652902 AJ652902
c5002	6	30.0	13	5	BQ586320	BQ586320 E012395-0
5003	6	30.0	13	5	BQ589768	BQ589768 E012680-0
5004	6	30.0	13	5	BQ595423	BQ595423 E012693-0
c5005	6	30.0	13	7	CF306112	CF306112 HDA1--02-
c5006	6	30.0	13	9	AJ588888	AJ588888 Arabidops
5007	6	30.0	13	9	AJ589476	AJ589476 Arabidops
5008	6	30.0	14	1	AJ647274	AJ647274 AJ647274
5009	6	30.0	14	1	AJ649962	AJ649962 AJ649962
c5010	6	30.0	14	1	AJ650555	AJ650555 AJ650555
c5011	6	30.0	14	1	AJ659358	AJ659358 AJ659358
5012	6	30.0	14	1	AJ679611	AJ679611 AJ679611
5013	6	30.0	14	1	AJ681519	AJ681519 AJ681519
5014	6	30.0	14	1	AJ682227	AJ682227 AJ682227
5015	6	30.0	14	1	AJ683493	AJ683493 AJ683493
5016	6	30.0	14	1	AJ683679	AJ683679 AJ683679
5017	6	30.0	14	1	AJ686977	AJ686977 AJ686977
c5018	6	30.0	14	6	CA853334	CA853334 B07A06.se
c5019	6	30.0	14	7	CF278327	CF278327 14ETL--04
c5020	6	30.0	14	7	CF307189	CF307189 HDA1--05-
c5021	6	30.0	14	7	CF307495	CF307495 HDA1--06-
5022	6	30.0	14	9	CL691171	CL691171 PRI0155d_
c5023	6	30.0	15	1	AJ650055	AJ650055 AJ650055
c5024	6	30.0	15	1	AJ727978	AJ727978 AJ727978
c5025	6	30.0	15	2	AW247980	AW247980 2819691.5
5026	6	30.0	15	5	BQ511821	BQ511821 EST619236
c5027	6	30.0	15	9	AJ593935	AJ593935 Arabidops
c5028	6	30.0	16	1	AI025056	AI025056 ov36c08.x
5029	6	30.0	16	1	AI168794	AI168794 ox67a03.s
5030	6	30.0	16	1	AI735054	AI735054 as88b02.x
c5031	6	30.0	16	1	AJ648644	AJ648644 AJ648644
c5032	6	30.0	16	1	AJ649044	AJ649044 AJ649044
c5033	6	30.0	16	4	BG926060	BG926060 HNC23-1-E
c5034	6	30.0	16	7	CF306313	CF306313 HDA1--03-
5035	6	30.0	16	9	AJ587896	AJ587896 Arabidops
5036	6	30.0	16	9	AJ595590	AJ595590 Arabidops
c5037	6	30.0	16	9	CL677356	CL677356 PRI0120a_
5038	6	30.0	17	1	AJ683696	AJ683696 AJ683696
c5039	6	30.0	17	1	AJ684952	AJ684952 AJ684952
c5040	6	30.0	17	4	BM395359	BM395359 50072-2-8
c5041	6	30.0	17	4	BM401224	BM401224 5009-0-84
5042	6	30.0	17	5	BQ789989	BQ789989 hage005aB
c5043	6	30.0	17	6	CA797810	CA797810 Cac_BL_49
c5044	6	30.0	17	7	CF323346	CF323346 HDN--03-J
5045	6	30.0	17	7	CF339347	CF339347 RCL1--04-
c5046	6	30.0	17	8	AZ633696	AZ633696 1M0489O01
c5047	6	30.0	17	9	AJ599163	AJ599163 Arabidops
5048	6	30.0	18	1	AI042533	AI042533 oy06e03.x
5049	6	30.0	18	2	AW246949	AW246949 2822577.5
c5050	6	30.0	18	4	BG900971	BG900971 HOA52-1-C
c5051	6	30.0	18	4	BM394638	BM394638 50072-2-5
c5052	6	30.0	18	4	BM397055	BM397055 5009-0-28
c5053	6	30.0	18	4	BM675715	BM675715 TOH602767
c5054	6	30.0	18	5	BQ584812	BQ584812 E011673-0
c5055	6	30.0	18	5	BQ594331	BQ594331 S015247-0
5056	6	30.0	18	6	C00629	C00629 HUMGS000817
c5057	6	30.0	18	6	CA850820	CA850820 D06H05_H0
c5058	6	30.0	18	7	CN754536	CN754536 ID0AAAI3B
c5059	6	30.0	18	8	BZ424583	BZ424583 100015692
c5060	6	30.0	18	8	BZ424682	BZ424682 100017874
5061	6	30.0	18	9	AJ599559	AJ599559 Arabidops

c5062	6	30.0	19	1	AI174345	AI174345	an17f09.s	c5135	6	30.0	20	4	BM399755	BM399755	5009-0-60
5063	6	30.0	19	1	AI663799	AI663799	uj06a10.x	c5136	6	30.0	20	4	BM400102	BM400102	5009-0-66
5064	6	30.0	19	3	CNS08V6Z	BX029847	Single re	5137	6	30.0	20	5	BQ589288	BQ589288	S014007-0
c5065	6	30.0	19	3	CNS09MAX	BX064981	Single re	c5138	6	30.0	20	5	BX558127	BX558127	BX558127
5066	6	30.0	19	5	BQ587387	BQ587387	S014305-0	5139	6	30.0	20	5	BX563610	BX563610	BX563610
c5067	6	30.0	19	5	BQ587387	BQ587387	S014305-0	5140	6	30.0	20	6	CA851019	CA851019	D09C05_E0
c5068	6	30.0	19	6	CD532073	CD532073	13I04 Ara	c5141	6	30.0	20	6	CD529818	CD529818	04D06 Ara
5069	6	30.0	19	7	CF280788	CF280788	14ETL--07	5142	6	30.0	20	7	CF301771	CF301771	7LEAF--06
5070	6	30.0	19	7	CF299371	CF299371	7LEAF--03	5143	6	30.0	20	7	CF322950	CF322950	HDN--02-I
5071	6	30.0	19	7	CF305417	CF305417	CLD1--01-	5144	6	30.0	20	7	CF921355	CF921355	gmrhRww3-
5072	6	30.0	19	7	CF312203	CF312203	ABF--07-M	5145	6	30.0	20	7	CN751725	CN751725	ApHL3SD-X
5073	6	30.0	19	7	CF315940	CF315940	HD--05-A1	c5146	6	30.0	20	7	CO778087	CO778087	BL002D_F0
5074	6	30.0	19	7	CF337272	CF337272	JMT--07-K	5147	6	30.0	20	8	AZ310915	AZ310915	1M0026A08
c5075	6	30.0	19	7	CF337608	CF337608	JMT--08-C	c5148	6	30.0	20	8	AZ313094	AZ313094	1M0029K13
5076	6	30.0	19	7	CO791279	CO791279	NT012A_A0	c5149	6	30.0	20	8	AZ317291	AZ317291	1M0035N10
c5077	6	30.0	19	8	AZ309043	AZ309043	1M0012O08	5150	6	30.0	20	8	AZ326490	AZ326490	1M0049H24
5078	6	30.0	19	8	AZ309116	AZ309116	1M0012E23	5151	6	30.0	20	8	AZ336318	AZ336318	1M0066I06
5079	6	30.0	19	8	AZ335137	AZ335137	1M0064P16	5152	6	30.0	20	8	AZ339930	AZ339930	1M0071E07
5080	6	30.0	19	8	AZ342681	AZ342681	1M0075B23	5153	6	30.0	20	8	AZ340424	AZ340424	1M0072M05
5081	6	30.0	19	8	AZ345425	AZ345425	1M0080A07	c5154	6	30.0	20	8	AZ345442	AZ345442	1M0080G08
c5082	6	30.0	19	8	AZ358153	AZ358153	1M0100L23	c5155	6	30.0	20	8	AZ379415	AZ379415	1M0134A08
5083	6	30.0	19	8	AZ384797	AZ384797	1M0142P19	5156	6	30.0	20	8	AZ428367	AZ428367	1M0210P15
c5084	6	30.0	19	8	AZ393531	AZ393531	1M0156F07	5157	6	30.0	20	8	AZ445437	AZ445437	1M0241B16
5085	6	30.0	19	8	AZ410166	AZ410166	1M0182J17	c5158	6	30.0	20	8	AZ465595	AZ465595	1M0275I16
5086	6	30.0	19	8	AZ410317	AZ410317	1M0182L02	5159	6	30.0	20	8	AZ481902	AZ481902	1M0306H03
c5087	6	30.0	19	8	AZ413045	AZ413045	1M0186H19	c5160	6	30.0	20	8	AZ482011	AZ482011	1M0306G17
5088	6	30.0	19	8	AZ420252	AZ420252	1M0198G01	5161	6	30.0	20	8	AZ492125	AZ492125	1M0326L05
c5089	6	30.0	19	8	AZ422531	AZ422531	1M0201E16	c5162	6	30.0	20	8	AZ492477	AZ492477	1M0326D12
c5090	6	30.0	19	8	AZ446372	AZ446372	1M0242F18	5163	6	30.0	20	8	AZ510126	AZ510126	1M0354L19
c5091	6	30.0	19	8	AZ447414	AZ447414	1M0244L06	5164	6	30.0	20	8	AZ617034	AZ617034	1M0448D08
5092	6	30.0	19	8	AZ450851	AZ450851	1M0249I13	c5165	6	30.0	20	8	AZ626505	AZ626505	1M0466K15
c5093	6	30.0	19	8	AZ477353	AZ477353	1M0296K16	5166	6	30.0	20	8	AZ627859	AZ627859	1M0476E04
c5094	6	30.0	19	8	AZ484016	AZ484016	1M0310J10	c5167	6	30.0	20	8	AZ637794	AZ637794	1M0497D20
5095	6	30.0	19	8	AZ508355	AZ508355	1M0350O13	5168	6	30.0	20	8	AZ658035	AZ658035	1M0534P03
c5096	6	30.0	19	8	AZ510122	AZ510122	1M0354K20	5169	6	30.0	20	8	AZ660043	AZ660043	1M0537E20
5097	6	30.0	19	8	AZ585898	AZ585898	1M0391L22	c5170	6	30.0	20	8	AZ660043	AZ660043	1M0537E20
5098	6	30.0	19	8	AZ598508	AZ598508	1M0413B24	c5171	6	30.0	20	8	AZ766582	AZ766582	1M0564G16
c5099	6	30.0	19	8	AZ600896	AZ600896	1M0418J24	5172	6	30.0	20	8	AZ774829	AZ774829	2M0004D10
5100	6	30.0	19	8	AZ608373	AZ608373	1M0432E01	5173	6	30.0	20	8	AZ776071	AZ776071	2M0009L24
5101	6	30.0	19	8	AZ608537	AZ608537	1M0432N14	c5174	6	30.0	20	8	AZ776071	AZ776071	2M0009L24
5102	6	30.0	19	8	AZ623785	AZ623785	1M0461P16	c5175	6	30.0	20	8	AZ776086	AZ776086	2M0009P24
c5103	6	30.0	19	8	AZ636812	AZ636812	1M0495B21	c5176	6	30.0	20	8	AZ782816	AZ782816	2M0024F05
c5104	6	30.0	19	8	AZ648801	AZ648801	1M0518A10	5177	6	30.0	20	8	AZ783028	AZ783028	2M0024E20
c5105	6	30.0	19	8	AZ651870	AZ651870	1M0522M15	c5178	6	30.0	20	8	AZ788491	AZ788491	2M0035D10
c5106	6	30.0	19	8	AZ659603	AZ659603	1M0537N06	5179	6	30.0	20	8	AZ796123	AZ796123	2M0051O04
c5107	6	30.0	19	8	AZ664265	AZ664265	1M0544A19	c5180	6	30.0	20	8	AZ808202	AZ808202	2M0071F15
5108	6	30.0	19	8	AZ760695	AZ760695	1M0554C07	5181	6	30.0	20	8	AZ808800	AZ808800	2M0072F01
c5109	6	30.0	19	8	AZ768918	AZ768918	1M0569F08	5182	6	30.0	20	8	AZ810757	AZ810757	2M0076G01
5110	6	30.0	19	8	AZ774205	AZ774205	2M0003P13	c5183	6	30.0	20	8	AZ827096	AZ827096	2M0103N17
5111	6	30.0	19	8	AZ774950	AZ774950	2M0004M16	c5184	6	30.0	20	8	AZ827842	AZ827842	2M0104F03
c5112	6	30.0	19	8	AZ782026	AZ782026	2M0021I23	5185	6	30.0	20	8	AZ832946	AZ832946	2M0113M11
c5113	6	30.0	19	8	AZ813659	AZ813659	2M0081I05	5186	6	30.0	20	8	AZ834080	AZ834080	2M0116A09
c5114	6	30.0	19	8	AZ824929	AZ824929	2M0099P16	5187	6	30.0	20	8	AZ853126	AZ853126	2M0156G10
c5115	6	30.0	19	8	AZ827092	AZ827092	2M0103M18	5188	6	30.0	20	8	AZ869047	AZ869047	2M0181E06
c5116	6	30.0	19	8	AZ830578	AZ830578	2M0109H23	c5189	6	30.0	20	8	AZ938721	AZ938721	2M0197H21
c5117	6	30.0	19	8	AZ842166	AZ842166	2M0140G06	5190	6	30.0	20	8	BH000425	BH000425	2M0288G14
5118	6	30.0	19	8	AZ875769	AZ875769	2M0190A02	c5191	6	30.0	20	9	AG189276	AG189276	Pan trogl
c5119	6	30.0	19	8	AZ949954	AZ949954	2M0213J16	5192	6	30.0	20	9	AG193182	AG193182	Pan trogl
5120	6	30.0	19	8	AZ959942	AZ959942	2M0227L13	5193	6	30.0	20	9	AG193233	AG193233	Pan trogl
5121	6	30.0	19	8	AZ977338	AZ977338	2M0253P10	c5194	6	30.0	20	9	AG196884	AG196884	Pan trogl
c5122	6	30.0	19	9	AJ587169	AJ587169	Arabidops	5195	6	30.0	20	9	AG200990	AG200990	Pan trogl
c5123	6	30.0	19	9	CL657608	CL657608	PRI012a_B	5196	6	30.0	20	9	AG204675	AG204675	Pan trogl
5124	6	30.0	19	9	CL688118	CL688118	PRI0148c_	5197	6	30.0	20	9	AJ587239	AJ587239	Arabidops
c5125	6	30.0	19	9	CL878326	CL878326	abf23f08.	5198	6	30.0	20	9	AJ592283	AJ592283	Arabidops
c5126	6	30.0	20	1	AJ650780	AJ650780	AJ650780	c5199	6	30.0	20	9	TA339H11Q	AL492631	T. brucei
5127	6	30.0	20	1	AJ722469	AJ722469		c5200	6	30.0	20	9	CL668627	CL668627	PRI0158b_
5128	6	30.0	20	1	AJ744241	AJ744241	AJ744241	c5201	6	30.0	20	9	CL670850	CL670850	PRI0163a_
c5129	6	30.0	20	1	AJ792595	AJ792595	AJ792595	5202	6	30.0	20	9	CL687844	CL687844	PRI0147d_
5130	6	30.0	20	1	AU013837	AU013837	AU013837	c5203	6	30.0	21	1	AJ662980	AJ662980	AJ662980
c5131	6	30.0	20	1	AU255029	AU255029	AU255029	5204	6	30.0	21	1	AJ663325	AJ663325	AJ663325
5132	6	30.0	20	1	AU257181	AU257181	AU257181	c5205	6	30.0	21	1	AJ804148	AJ804148	AJ804148
5133	6	30.0	20	4	BM392896	BM392896	50071-2-3	c5206	6	30.0	21	4	BM148986	BM148986	TCAAP2E55
5134	6	30.0	20	4	BM394288	BM394288	50072-2-3	c5207	6	30.0	21	4	BM398975	BM398975	5009-0-51

c5208	6	30.0	21	4	BM399017	BM399017 5009-0-51	5281	6	30.0	21	9	TA67F03P	AL458027 T. brucei
5209	6	30.0	21	5	BQ592909	BQ592909 E012122-0	5282	6	30.0	21	9	CL437132	CL437132 PST4563-N
5210	6	30.0	21	6	CA795802	CA795802 Cac_BL_28	c5283	6	30.0	21	9	CL669293	CL669293 PRI015a_B
5211	6	30.0	21	7	CF276280	CF276280 14ETL--01	c5284	6	30.0	21	9	CL670258	CL670258 PRI0161C_
5212	6	30.0	21	7	CF279674	CF279674 14ETL--06	5285	6	30.0	21	9	CL695929	CL695929 PRI017c_H
c5213	6	30.0	21	7	CF333123	CF333123 JMT--01-O	c5286	6	30.0	22	1	AA860594	AA860594 aj86d06.s
5214	6	30.0	21	7	CO785256	CO785256 BL283A_A0	5287	6	30.0	22	1	AA911173	AA911173 ok81a10.s
5215	6	30.0	21	8	AZ303734	AZ303734 1M0003O21	5288	6	30.0	22	1	AA973612	AA973612 oo47f01.s
5216	6	30.0	21	8	AZ307601	AZ307601 1M0009C16	5289	6	30.0	22	1	AA991484	AA991484 os91h03.s
c5217	6	30.0	21	8	AZ309344	AZ309344 1M0013A20	c5290	6	30.0	22	1	AI047954	AI047954 vn18f09.r
c5218	6	30.0	21	8	AZ309714	AZ309714 1M0016M18	5291	6	30.0	22	1	AI131311	AI131311 qc18a02.x
c5219	6	30.0	21	8	AZ348213	AZ348213 1M0084N15	5292	6	30.0	22	1	AI441822	AI441822 sa47g09.y
c5220	6	30.0	21	8	AZ355162	AZ355162 1M0094A24	5293	6	30.0	22	1	AI441942	AI441942 sa83a05.y
c5221	6	30.0	21	8	AZ375597	AZ375597 1M0129K03	5294	6	30.0	22	1	AI444134	AI444134 fb44a01.y
c5222	6	30.0	21	8	AZ377507	AZ377507 1M0131G21	c5295	6	30.0	22	1	AI504877	AI504877 vl81b09.x
c5223	6	30.0	21	8	AZ387187	AZ387187 1M0146L22	c5296	6	30.0	22	1	AI630912	AI630912 tz31g03.x
5224	6	30.0	21	8	AZ387199	AZ387199 1M0146P20	c5297	6	30.0	22	1	AI660937	AI660937 wf20b06.x
5225	6	30.0	21	8	AZ393342	AZ393342 1M0156C21	c5298	6	30.0	22	1	AI748552	AI748552 sb54f11.y
5226	6	30.0	21	8	AZ394677	AZ394677 1M0158A24	c5299	6	30.0	22	1	AJ649192	AJ649192 AJ649192
c5227	6	30.0	21	8	AZ398923	AZ398923 1M0164I04	c5300	6	30.0	22	1	AJ650786	AJ650786 AJ650786
5228	6	30.0	21	8	AZ403894	AZ403894 1M0171E15	c5301	6	30.0	22	1	AJ661940	AJ661940 AJ661940
5229	6	30.0	21	8	AZ424225	AZ424225 1M0203A17	c5302	6	30.0	22	1	AU254627	AU254627 AU254627
c5230	6	30.0	21	8	AZ425359	AZ425359 1M0205I22	c5303	6	30.0	22	1	AU257837	AU257837 AU257837
c5231	6	30.0	21	8	AZ427688	AZ427688 1M0209J15	c5304	6	30.0	22	1	AU259636	AU259636 AU259636
c5232	6	30.0	21	8	AZ440229	AZ440229 1M0231N10	c5305	6	30.0	22	4	BG925518	BG925518 HNC5-1-C1
5233	6	30.0	21	8	AZ455821	AZ455821 1M0258C22	c5306	6	30.0	22	4	BG926061	BG926061 HNC23-1-E
c5234	6	30.0	21	8	AZ478651	AZ478651 1M0298E23	c5307	6	30.0	22	4	BM398088	BM398088 5009-0-40
5235	6	30.0	21	8	AZ481448	AZ481448 1M0303M12	5308	6	30.0	22	6	CA587453	CA587453 LBE12p58
c5236	6	30.0	21	8	AZ492310	AZ492310 1M0326D21	5309	6	30.0	22	6	CD531285	CD531285 10D10 Ara
5237	6	30.0	21	8	AZ495005	AZ495005 1M0330F08	5310	6	30.0	22	7	CF299617	CF299617 7LEAF--03
5238	6	30.0	21	8	AZ581049	AZ581049 1M0369P17	c5311	6	30.0	22	7	CF299762	CF299762 7LEAF--03
5239	6	30.0	21	8	AZ582675	AZ582675 1M0376P10	5312	6	30.0	22	7	CF300396	CF300396 7LEAF--04
5240	6	30.0	21	8	AZ598137	AZ598137 1M0412F16	c5313	6	30.0	22	7	CF309796	CF309796 ABF--04-C
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5244	6	30.0	21	8	AZ621453	AZ621453 1M0454K09	c5317	6	30.0	22	8	AZ324102	AZ324102 1M0045H23
5245	6	30.0	21	8	AZ624189	AZ624189 1M0462J12	5318	6	30.0	22	8	AZ340767	AZ340767 1M0072N08
5246	6	30.0	21	8	AZ650869	AZ650869 1M0521G14	5319	6	30.0	22	8	AZ345925	AZ345925 1M0080J22
c5247	6	30.0	21	8	AZ655019	AZ655019 1M0529A18	c5320	6	30.0	22	8	AZ357874	AZ357874 1M0099D13
5248	6	30.0	21	8	AZ657586	AZ657586 1M0533D24	c5321	6	30.0	22	8	AZ375607	AZ375607 1M0129M03
5249	6	30.0	21	8	AZ661872	AZ661872 1M0540I12	c5322	6	30.0	22	8	AZ387223	AZ387223 1M0146D05
5250	6	30.0	21	8	AZ666369	AZ666369 1M0548B20	5323	6	30.0	22	8	AZ410575	AZ410575 1M0182D20
5251	6	30.0	21	8	AZ765362	AZ765362 1M0562I14	5324	6	30.0	22	8	AZ430042	AZ430042 1M0214O13
5252	6	30.0	21	8	AZ777684	AZ777684 2M0012G01	5325	6	30.0	22	8	AZ437792	AZ437792 1M0226P04
c5253	6	30.0	21	8	AZ780653	AZ780653 2M0018E17	5326	6	30.0	22	8	AZ443635	AZ443635 1M0238O08
c5254	6	30.0	21	8	AZ780834	AZ780834 2M0018M22	c5327	6	30.0	22	8	AZ460817	AZ460817 1M0266B22
c5255	6	30.0	21	8	AZ784306	AZ784306 2M0027E01	c5328	6	30.0	22	8	AZ465263	AZ465263 1M0275M04
5256	6	30.0	21	8	AZ784525	AZ784525 2M0027I18	5329	6	30.0	22	8	AZ478594	AZ478594 1M0298I15
c5257	6	30.0	21	8	AZ795837	AZ795837 2M0051H13	5330	6	30.0	22	8	AZ482065	AZ482065 1M0306M20
c5258	6	30.0	21	8	AZ806282	AZ806282 2M0068A15	c5331	6	30.0	22	8	AZ505038	AZ505038 1M0345I02
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5260	6	30.0	21	8	AZ812180	AZ812180 2M0078N08	c5333	6	30.0	22	8	AZ588797	AZ588797 1M0397D21
5261	6	30.0	21	8	AZ812415	AZ812415 2M0079N04	c5334	6	30.0	22	8	AZ610074	AZ610074 1M0435J11
5262	6	30.0	21	8	AZ816735	AZ816735 2M0085C09	c5335	6	30.0	22	8	AZ627938	AZ627938 1M0469A24
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5264	6	30.0	21	8	AZ820163	AZ820163 2M0092M12	c5337	6	30.0	22	8	AZ660196	AZ660196 1M0538H09
5265	6	30.0	21	8	AZ825201	AZ825201 2M0100G16	c5338	6	30.0	22	8	AZ666085	AZ666085 1M0547G21
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5268	6	30.0	21	8	AZ863004	AZ863004 2M0170N20	5341	6	30.0	22	8	AZ772366	AZ772366 1M0583M11
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5270	6	30.0	21	9	AG191602	AG191602 Pan trogl	c5343	6	30.0	22	8	AZ774731	AZ774731 2M0004M18
5271	6	30.0	21	9	AG195509	AG195509 Pan trogl	c5344	6	30.0	22	8	AZ785081	AZ785081 2M0028I08
5272	6	30.0	21	9	AG197947	AG197947 Pan trogl	c5345	6	30.0	22	8	AZ785474	AZ785474 2M0029E19
5273	6	30.0	21	9	AG202458	AG202458 Pan trogl	5346	6	30.0	22	8	AZ787102	AZ787102 2M0033B03
5274	6	30.0	21	9	AG203422	AG203422 Pan trogl	5347	6	30.0	22	8	AZ788617	AZ788617 2M0035F21
5275	6	30.0	21	9	AG204796	AG204796 Pan trogl	c5348	6	30.0	22	8	AZ788617	AZ788617 2M0035F21
c5276	6	30.0	21	9	AG204796	AG204796 Pan trogl	5349	6	30.0	22	8	AZ801214	AZ801214 2M0059O05
5277	6	30.0	21	9	AJ592514	AJ592514 Arabidops	5350	6	30.0	22	8	AZ806493	AZ806493 2M0068M06
5278	6	30.0	21	9	TA115E11P	AL464832 T. brucei	5351	6	30.0	22	8	AZ816374	AZ816374 2M0085O05
c5279	6	30.0	21	9	TA48C10Q	AL456489 T. brucei	c5352	6	30.0	22	8	AZ822864	AZ822864 2M0096A03
5280	6	30.0	21	9	TA62F01P	AL465062 T. brucei	5353	6	30.0	22	8	AZ827068	AZ827068 2M0103H15

5354	6	30.0	22	8	AZ829837	AZ829837 2M0107P11
5355	6	30.0	22	8	AZ833366	AZ833366 2M0115H21
c5356	6	30.0	22	8	AZ845428	AZ845428 2M0145B13
5357	6	30.0	22	8	AZ941882	AZ941882 2M0201L14
5358	6	30.0	22	8	AZ950407	AZ950407 2M0214A02
c5359	6	30.0	22	8	AZ995954	AZ995954 2M0282A04
5360	6	30.0	22	8	BH000100	BH000100 2M0287A18
5361	6	30.0	22	9	AG187922	AG187922 Pan trogl
5362	6	30.0	22	9	AG191645	AG191645 Pan trogl
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c5364	6	30.0	22	9	AG195270	AG195270 Pan trogl
5365	6	30.0	22	9	AG202890	AG202890 Pan trogl
5366	6	30.0	22	9	AJ587479	AJ587479 Arabidops
5367	6	30.0	22	9	AJ589070	AJ589070 Arabidops
c5368	6	30.0	22	9	AJ596131	AJ596131 Arabidops
c5369	6	30.0	22	9	AJ596155	AJ596155 Arabidops
5370	6	30.0	22	9	TA118G01P	AL463734 T. brucei
c5371	6	30.0	22	9	TA146B09P	AL474352 T. brucei
c5372	6	30.0	22	9	TA188C02P	AL478288 T. brucei
c5373	6	30.0	22	9	TA18D05Q	AL452191 T. brucei
c5374	6	30.0	22	9	TA204A05P	AL476453 T. brucei
c5375	6	30.0	22	9	TA219C09P	AL479371 T. brucei
c5376	6	30.0	22	9	TA221E07Q	AL480379 T. brucei
c5377	6	30.0	22	9	TA294D03P	AL485077 T. brucei
5378	6	30.0	22	9	TA348C12Q	AL496172 T. brucei
5379	6	30.0	22	9	TA372G12P	AL496138 T. brucei
c5380	6	30.0	22	9	TA47B10P	AL454198 T. brucei
5381	6	30.0	22	9	TA70B11Q	AL458140 T. brucei
5382	6	30.0	22	9	TA71G05P	AL457834 T. brucei
5383	6	30.0	22	9	TA80B09P	AL461412 T. brucei
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5386	6	30.0	22	9	CL656940	CL656940 PRI0128a_
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5388	6	30.0	22	9	CL676389	CL676389 PRI0118b_
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5391	6	30.0	23	1	AJ672539	AJ672539 AJ672539
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c5393	6	30.0	23	1	AU256868	AU256868 AU256868
5394	6	30.0	23	1	AU258717	AU258717 AU258717
5395	6	30.0	23	4	BM392543	BM392543 50071-2-1
5396	6	30.0	23	4	BM393611	BM393611 50072-2-1
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5398	6	30.0	23	7	CF297340	CF297340 30DGS--08
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5400	6	30.0	23	7	CF326961	CF326961 NACL--01-
5401	6	30.0	23	7	CF334146	CF334146 JMT--03-F
5402	6	30.0	23	7	CV066546	CV066546 WNEL5c9 W
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5417	6	30.0	23	8	AZ476158	AZ476158 1M0294P09
5418	6	30.0	23	8	AZ478690	AZ478690 1M0298M20
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5420	6	30.0	23	8	AZ626719	AZ626719 1M0467E07
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5422	6	30.0	23	8	AZ662083	AZ662083 1M0541B01
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5424	6	30.0	23	8	AZ771860	AZ771860 1M0574P18
5425	6	30.0	23	8	AZ781980	AZ781980 2M0021N13
5426	6	30.0	23	8	AZ790388	AZ790388 2M0038E22
5427	6	30.0	23	8	AZ792478	AZ792478 2M0043O22
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5431	6	30.0	23	8	AZ819825	AZ819825 2M0091K08
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5433	6	30.0	23	8	AZ837372	AZ837372 2M0132B12
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5437	6	30.0	23	8	AZ936867	AZ936867 2M0193L18
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5439	6	30.0	23	8	AZ967993	AZ967993 2M0240J07
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5446	6	30.0	23	9	AJ600290	AJ600290 Arabidops
5447	6	30.0	23	9	TA110H02P	AL464985 T. brucei
5448	6	30.0	23	9	TA111H02Q	AL460694 T. brucei
c5449	6	30.0	23	9	TA121H10Q	AL463056 T. brucei
c5450	6	30.0	23	9	TA130F01Q	AL464260 T. brucei
5451	6	30.0	23	9	TA215H03Q	AL479277 T. brucei
5452	6	30.0	23	9	TA296F01P	AL483967 T. brucei
5453	6	30.0	23	9	TA297E09Q	AL489594 T. brucei
5454	6	30.0	23	9	TA318G12P	AL492673 T. brucei
c5455	6	30.0	23	9	TA36D05P	AL453646 T. brucei
5456	6	30.0	23	9	TA61D03Q	AL456207 T. brucei
5457	6	30.0	23	9	TA88A08P	AL459996 T. brucei
5458	6	30.0	23	9	CL670356	CL670356 PRI0161d_
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5464	6	30.0	24	4	BG925475	BG925475 HNC5-1-C6
5465	6	30.0	24	4	BM392455	BM392455 50071-2-1
5466	6	30.0	24	4	BM393436	BM393436 50072-2-1
5467	6	30.0	24	4	BM817205	BM817205 HC03F11_T
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5471	6	30.0	24	7	CF299328	CF299328 7LEAF--03
5472	6	30.0	24	7	CF310855	CF310855 ABF--05-M
c5473	6	30.0	24	7	CF338921	CF338921 RCL1--03-
c5474	6	30.0	24	7	CF920973	CF920973 gmrhRww3-
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5479	6	30.0	24	8	AZ341147	AZ341147 1M0073F24
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5485	6	30.0	24	8	AZ416344	AZ416344 1M0191J06
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5487	6	30.0	24	8	AZ424084	AZ424084 1M0203B04
5488	6	30.0	24	8	AZ429766	AZ429766 1M0213G21
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5497	6	30.0	24	8	AZ502375	AZ502375 1M0341F08
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5503	6	30.0	24	8	AZ648378	AZ648378	1M0517D24
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c5506	6	30.0	24	8	AZ771142	AZ771142	1M0573P06
5507	6	30.0	24	8	AZ776777	AZ776777	2M0010O10
5508	6	30.0	24	8	AZ779460	AZ779460	2M0015J19
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5511	6	30.0	24	8	AZ807126	AZ807126	2M0069J12
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5513	6	30.0	24	8	AZ815479	AZ815479	2M0083D15
5514	6	30.0	24	8	AZ817947	AZ817947	2M0087N09
5515	6	30.0	24	8	AZ820006	AZ820006	2M0091P19
5516	6	30.0	24	8	AZ848167	AZ848167	2M0149C11
c5517	6	30.0	24	8	AZ866692	AZ866692	2M0177F18
c5518	6	30.0	24	8	AZ964672	AZ964672	2M0234O21
c5519	6	30.0	24	8	AZ978969	AZ978969	2M0255E01
c5520	6	30.0	24	8	BH789568	BH789568	SALK_0378
5521	6	30.0	24	8	BH864943	BH864943	SALK_0971
c5522	6	30.0	24	8	BZ290658	BZ290658	SALK_0908
c5523	6	30.0	24	8	BZ356735	BZ356735	SALK_1296
5524	6	30.0	24	9	AG188468	AG188468	Pan trogl
5525	6	30.0	24	9	AG192897	AG192897	Pan trogl
5526	6	30.0	24	9	AG193878	AG193878	Pan trogl
c5527	6	30.0	24	9	AG194287	AG194287	Pan trogl
5528	6	30.0	24	9	AG198679	AG198679	Pan trogl
5529	6	30.0	24	9	AG203732	AG203732	Pan trogl
c5530	6	30.0	24	9	AG204461	AG204461	Pan trogl
c5531	6	30.0	24	9	AJ587318	AJ587318	Arabidops
5532	6	30.0	24	9	AJ591206	AJ591206	Arabidops
c5533	6	30.0	24	9	AJ593093	AJ593093	Arabidops
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5537	6	30.0	24	9	TA110D11P	AL464960	T. brucei
c5538	6	30.0	24	9	TA146D08Q	AL472738	T. brucei
c5539	6	30.0	24	9	TA185C06P	AL474052	T. brucei
5540	6	30.0	24	9	TA186D08P	AL475706	T. brucei
5541	6	30.0	24	9	TA196H02P	AL475956	T. brucei
c5542	6	30.0	24	9	TA42E11Q	AL454076	T. brucei
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c5544	6	30.0	24	9	CL653351	CL653351	PRI0118b_
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5546	6	30.0	24	9	CL670227	CL670227	PRI0161c_
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5549	6	30.0	25	1	AA918137	AA918137	on46g02.s
5550	6	30.0	25	1	AA923337	AA923337	ol44e07.s
c5551	6	30.0	25	1	AA958419	AA958419	ua12a04.r
c5552	6	30.0	25	1	AA980269	AA980269	ua32d09.r
5553	6	30.0	25	1	AA993070	AA993070	ou01e06.s
5554	6	30.0	25	1	AI016957	AI016957	ou27g01.x
c5555	6	30.0	25	1	AI025765	AI025765	ov94a03.s
c5556	6	30.0	25	1	AI091780	AI091780	qa91e02.s
5557	6	30.0	25	1	AI153891	AI153891	ud50c12.r
5558	6	30.0	25	1	AI189725	AI189725	qd28f06.x
5559	6	30.0	25	1	AI264778	AI264778	qx56h03.x
c5560	6	30.0	25	1	AI313941	AI313941	uj49a10.y
c5561	6	30.0	25	1	AI344221	AI344221	tc02h03.x
5562	6	30.0	25	1	AI416870	AI416870	sa19b03.x
5563	6	30.0	25	1	AI432500	AI432500	th35h06.x
5564	6	30.0	25	1	AI471676	AI471676	tl99d02.x
c5565	6	30.0	25	1	AI527253	AI527253	uj50e07.x
5566	6	30.0	25	1	AI565893	AI565893	tr93g08.x
c5567	6	30.0	25	1	AI620280	AI620280	tu93e03.x
5568	6	30.0	25	1	AI971899	AI971899	wv29h04.x
c5569	6	30.0	25	1	AI971899	AI971899	wv29h04.x
5570	6	30.0	25	1	AL040488	AL040488	DKFZp434F
5571	6	30.0	25	1	AL585924	AL585924	
5572	6	30.0	25	4	BM396280	BM396280	5009-0-2-
5573	6	30.0	25	5	BQ589704	BQ589704	E012679-0
5574	6	30.0	25	5	BQ591261	BQ591261	E012619-0
5575	6	30.0	25	6	CA850879	CA850879	D07E12_I2
5576	6	30.0	25	7	CF296241	CF296241	30DGS--06
c5577	6	30.0	25	7	CF326989	CF326989	NACL--01-
5578	6	30.0	25	7	CF331067	CF331067	NACL--07-
c5579	6	30.0	25	7	CF338204	CF338204	JMT--08-P
c5580	6	30.0	25	7	CO788114	CO788114	NT003B_C0
c5581	6	30.0	25	7	H01429	H01429	yi99e11.s1
5582	6	30.0	25	7	L32050	L32050	HUMXP428B H
c5583	6	30.0	25	7	L32051	L32051	HUMXP464A H
5584	6	30.0	25	8	AZ303953	AZ303953	1M0003N18
5585	6	30.0	25	8	AZ309919	AZ309919	1M0017C19
c5586	6	30.0	25	8	AZ340193	AZ340193	1M0072J03
c5587	6	30.0	25	8	AZ345462	AZ345462	1M0080M10
5588	6	30.0	25	8	AZ345896	AZ345896	1M0080D20
5589	6	30.0	25	8	AZ346741	AZ346741	1M0082C11
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c5591	6	30.0	25	8	AZ348702	AZ348702	1M0085E23
c5592	6	30.0	25	8	AZ374695	AZ374695	1M0127I08
c5593	6	30.0	25	8	AZ391004	AZ391004	1M0152J17
c5594	6	30.0	25	8	AZ394252	AZ394252	1M0157B16
5595	6	30.0	25	8	AZ408539	AZ408539	1M0179G17
5596	6	30.0	25	8	AZ431043	AZ431043	1M0215J14
c5597	6	30.0	25	8	AZ441038	AZ441038	1M0232P20
5598	6	30.0	25	8	AZ465511	AZ465511	1M0275D02
5599	6	30.0	25	8	AZ465878	AZ465878	1M0276B08
5600	6	30.0	25	8	AZ472671	AZ472671	1M0288G06
5601	6	30.0	25	8	AZ474282	AZ474282	1M0290G16
c5602	6	30.0	25	8	AZ482038	AZ482038	1M0306A22
c5603	6	30.0	25	8	AZ487909	AZ487909	1M0317C24
5604	6	30.0	25	8	AZ490888	AZ490888	1M0324G10
5605	6	30.0	25	8	AZ496986	AZ496986	1M0333H09
5606	6	30.0	25	8	AZ499055	AZ499055	1M0336D07
5607	6	30.0	25	8	AZ512765	AZ512765	1M0358N01
c5608	6	30.0	25	8	AZ585557	AZ585557	1M0390M18
c5609	6	30.0	25	8	AZ589362	AZ589362	1M0398K16
5610	6	30.0	25	8	AZ595316	AZ595316	1M0407C19
5611	6	30.0	25	8	AZ623263	AZ623263	1M0460I14
5612	6	30.0	25	8	AZ628057	AZ628057	1M0476H23
c5613	6	30.0	25	8	AZ632461	AZ632461	1M0487B07
c5614	6	30.0	25	8	AZ634700	AZ634700	1M0490G08
5615	6	30.0	25	8	AZ639989	AZ639989	1M0501F15
c5616	6	30.0	25	8	AZ654827	AZ654827	1M0529L16
c5617	6	30.0	25	8	AZ767918	AZ767918	1M0567B09
5618	6	30.0	25	8	AZ770438	AZ770438	1M0572G03
5619	6	30.0	25	8	AZ774084	AZ774084	2M0003A07
5620	6	30.0	25	8	AZ779254	AZ779254	2M0015K21
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5631	6	30.0	25	8	AZ818624	AZ818624	2M0088G16
5632	6	30.0	25	8	AZ821650	AZ821650	2M0094E06
5633	6	30.0	25	8	AZ823046	AZ823046	2M0096O16
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5636	6	30.0	25	8	AZ834056	AZ834056	2M0116L04
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5643	6	30.0	25	8	BH759548	BH759548	KG04960-5
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5645	6	30.0	25	8	BH813291	BH813291	SALK_0639

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5648	6	30.0	25	8	BH865973	BH865973 SALK_1001
5649	6	30.0	25	8	BH866379	BH866379 SALK_1012
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5653	6	30.0	25	8	BZ358245	BZ358245 SALK_1321
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5664	6	30.0	25	9	AG202229	AG202229 Pan trogl
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5668	6	30.0	25	9	TA182C05P	AL476903 T. brucei
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5670	6	30.0	25	9	TA231A08P	AL480401 T. brucei
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5687	6	30.0	26	1	AU265518	AU265518 AU265518
5688	6	30.0	26	4	BM399811	BM399811 5009-0-62
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c5692	6	30.0	26	7	CF334383	CF334383 JMT--03-K
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5707	6	30.0	26	8	AZ387154	AZ387154 1M0146C20
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5752	6	30.0	26	8	BZ290557	BZ290557 SALK_0901
5753	6	30.0	26	8	BZ384018	BZ384018 SALK_1349
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c5755	6	30.0	26	8	BZ597147	BZ597147 SALK_0994
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5757	6	30.0	26	8	BZ763666	BZ763666 SALK_1211
5758	6	30.0	26	8	BZ767637	BZ767637 SALK_1391
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5770	6	30.0	26	9	TA280G08Q	AL485427 T. brucei
5771	6	30.0	26	9	TA348C01P	AL493597 T. brucei
5772	6	30.0	26	9	TA388A07Q	AL498173 T. brucei
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5786	6	30.0	27	2	AW250359	AW250359 2822071.5
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5788	6	30.0	27	5	BQ589771	BQ589771 E012680-0
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5792	6	30.0	27	7	CF305535	CF305535 CLD1--01-
5793	6	30.0	27	7	CF310421	CF310421 ABF--05-A
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5801	6	30.0	27	8	AZ320101	AZ320101 1M0040B04
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c5806	6	30.0	27	8	AZ333188	AZ333188 1M0062E12
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5818	6	30.0	27	8	AZ477331	AZ477331 1M0296G14
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5857	6	30.0	27	8	BH910016	BH910016 SALK_0572
5858	6	30.0	27	8	BH910341	BH910341 SALK_0590
5859	6	30.0	27	8	BZ378777	BZ378777 SALK_1119
5860	6	30.0	27	8	BZ381552	BZ381552 SALK_1169
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5862	6	30.0	27	8	BZ762993	BZ762993 SALK_1109
5863	6	30.0	27	8	BZ766654	BZ766654 SALK_1376
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5879	6	30.0	27	9	TA80D02P	AL461425 T. brucei
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5883	6	30.0	27	9	CC887313	CC887313 SALK_1499
5884	6	30.0	27	9	CC887476	CC887476 SALK_1502
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5891	6	30.0	28	1	AA888582	AA888582 of90f05.s
c5892	6	30.0	28	1	AA905471	AA905471 ok01f11.s
5893	6	30.0	28	1	AA930608	AA930608 vy63e12.r
5894	6	30.0	28	1	AA933742	AA933742 om56h09.s
5895	6	30.0	28	1	AA954651	AA954651 om95b06.s
5896	6	30.0	28	1	AA961905	AA961905 or68d06.s
5897	6	30.0	28	1	AI025442	AI025442 ov57a04.x
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5900	6	30.0	28	1	AI306628	AI306628 qn45h01.x
5901	6	30.0	28	1	AI354551	AI354551 qt98g05.x
c5902	6	30.0	28	1	AI370776	AI370776 qz89c10.x
c5903	6	30.0	28	1	AA072972	AA072972 mm80e03.r
c5904	6	30.0	28	1	AA086010	AA086010 zn64h05.r
5905	6	30.0	28	1	AI434082	AI434082 ti41h03.x
5906	6	30.0	28	1	AI499167	AI499167 to05h03.x
5907	6	30.0	28	1	AI649268	AI649268 uk30a04.x
5908	6	30.0	28	1	AI686998	AI686998 tp81e01.x
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c5910	6	30.0	28	1	AI748673	AI748673 sb60d07.y
5911	6	30.0	28	1	AI769631	AI769631 wj25a04.x
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5913	6	30.0	28	1	AI815651	AI815651 au49b06.y
5914	6	30.0	28	1	AI829005	AI829005 wj08e01.x
5915	6	30.0	28	1	AI901239	AI901239 sc22e06.y
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5918	6	30.0	28	1	AA156479	AA156479 zo45h04.r
5919	6	30.0	28	1	AA192663	AA192663 zq03f12.s
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5927	6	30.0	28	4	BM398863	BM398863 5009-0-5-
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c6003	6	30.0	28	8	CC057404	CC057404 SALK_1412
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6013	6	30.0	28	9	TA290C11Q	AL485184 T. brucei
6014	6	30.0	28	9	TA307B01Q	AL488831 T. brucei
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6045	6	30.0	29	7	CF302487	CF302487 7LEAF--08
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6048	6	30.0	29	7	CF320425	CF320425 HD--11-F0
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6068	6	30.0	29	8	AZ456064	AZ456064 1M0258N11
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6072	6	30.0	29	8	AZ484113	AZ484113 1M0310M18
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6087	6	30.0	29	8	AZ762588	AZ762588	1M0557F07
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6104	6	30.0	29	8	AZ977481	AZ977481	2M0253I19
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6106	6	30.0	29	8	AQ254876	AQ254876	EP(2)2583
6107	6	30.0	29	8	BH011395	BH011395	BG01432-5
6108	6	30.0	29	8	BH755689	BH755689	SALK_0520
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6111	6	30.0	29	8	BH846333	BH846333	SALK_0073
c6112	6	30.0	29	8	BH846337	BH846337	SALK_0073
c6113	6	30.0	29	8	BH847898	BH847898	SALK_0606
6114	6	30.0	29	8	BH851593	BH851593	SALK_0732
6115	6	30.0	29	8	BH856361	BH856361	SALK_0798
6116	6	30.0	29	8	BH866210	BH866210	SALK_1008
6117	6	30.0	29	8	BH901129	BH901129	SALK_0731
c6118	6	30.0	29	8	BH904824	BH904824	SALK_1051
c6119	6	30.0	29	8	BH906393	BH906393	SALK_1097
6120	6	30.0	29	8	BZ357012	BZ357012	SALK_1301
c6121	6	30.0	29	8	BZ358399	BZ358399	SALK_1324
6122	6	30.0	29	8	BZ592633	BZ592633	SALK_0282
6123	6	30.0	29	8	CC057376	CC057376	SALK_1410
6124	6	30.0	29	8	CC179015	CC179015	SALK_0570
6125	6	30.0	29	8	CC179141	CC179141	SALK_0588
6126	6	30.0	29	8	CC456807	CC456807	SALK_1007
c6127	6	30.0	29	8	CC456807	CC456807	SALK_1007
c6128	6	30.0	29	8	CC458466	CC458466	SALK_1190
6129	6	30.0	29	9	AG194446	AG194446	Pan trogl
c6130	6	30.0	29	9	AG194915	AG194915	Pan trogl
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6133	6	30.0	29	9	AG204802	AG204802	Pan trogl
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c6135	6	30.0	29	9	AJ594066	AJ594066	Arabidops
6136	6	30.0	29	9	AJ594258	AJ594258	Arabidops
c6137	6	30.0	29	9	DME546728	AJ546728	Drosophil
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6141	6	30.0	29	9	TA189A12P	AL477704	T. brucei
6142	6	30.0	29	9	TA262C12Q	AL487688	T. brucei
c6143	6	30.0	29	9	TA264G10Q	AL487013	T. brucei
6144	6	30.0	29	9	TA346E04P	AL494233	T. brucei
6145	6	30.0	29	9	TA354B02Q	AL497165	T. brucei
6146	6	30.0	29	9	TA38G11P	AL453566	T. brucei
6147	6	30.0	29	9	TA86B01P	AL461995	T. brucei
c6148	6	30.0	29	9	CC794717	CC794717	SALK_0547
c6149	6	30.0	29	9	CC798816	CC798816	SALK_1474
6150	6	30.0	29	9	CG721073	CG721073	1119065C0
c6151	6	30.0	29	9	CG724033	CG724033	1119079C1
6152	6	30.0	29	9	CG865055	CG865055	CMHD-GT_5
6153	6	30.0	29	9	CL438659	CL438659	PST7959-N
6154	6	30.0	29	9	CL657998	CL657998	PRI0130a_
c6155	6	30.0	29	9	CL676355	CL676355	PRI0118b_
6156	6	30.0	30	1	AA902209	AA902209	ok69b11.s
c6157	6	30.0	30	1	AA902209	AA902209	ok69b11.s
6158	6	30.0	30	1	AA976515	AA976515	oq30b05.s
6159	6	30.0	30	1	AJ666312	AJ666312	AJ666312
6160	6	30.0	30	1	AJ685790	AJ685790	AJ685790
c6161	6	30.0	30	1	AL042847	AL042847	DKFZp434G
6162	6	30.0	30	1	AU012106	AU012106	AU012106
6163	6	30.0	30	1	AU254502	AU254502	AU254502
6164	6	30.0	30	1	AV833957	AV833957	AV833957
6165	6	30.0	30	1	AV834397	AV834397	AV834397
6166	6	30.0	30	1	AV856232	AV856232	AV856232
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6168	6	30.0	30	4	BI522323	BI522323	603081368
c6169	6	30.0	30	4	BI523983	BI523983	603052139
6170	6	30.0	30	4	BM392665	BM392665	50071-2-1
6171	6	30.0	30	4	BM393328	BM393328	50071-2-9
6172	6	30.0	30	4	BM393859	BM393859	50072-2-1
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6187	6	30.0	30	7	CO793706	CO793706	NT018C_C0
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6189	6	30.0	30	7	N31821	N31821	yy17g12.s1
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6191	6	30.0	30	7	T17543	T17543	gsr m85 The
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6195	6	30.0	30	8	AZ307649	AZ307649	1M0009E19
6196	6	30.0	30	8	AZ309241	AZ309241	1M0013I06
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6204	6	30.0	30	8	AZ394609	AZ394609	1M0158F13
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6206	6	30.0	30	8	AZ423436	AZ423436	1M0202I01
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6214	6	30.0	30	8	AZ494694	AZ494694	1M0330C08
6215	6	30.0	30	8	AZ501729	AZ501729	1M0340N09
6216	6	30.0	30	8	AZ510129	AZ510129	1M0354L24
6217	6	30.0	30	8	AZ511083	AZ511083	1M0355O22
6218	6	30.0	30	8	AZ514449	AZ514449	1M0361M16
6219	6	30.0	30	8	AZ579582	AZ579582	1M0367N02
6220	6	30.0	30	8	AZ579778	AZ579778	1M0367I16
6221	6	30.0	30	8	AZ585824	AZ585824	1M0391J15
6222	6	30.0	30	8	AZ588846	AZ588846	1M0397M22
c6223	6	30.0	30	8	AZ602612	AZ602612	1M0421O22
c6224	6	30.0	30	8	AZ604126	AZ604126	1M0423O13
6225	6	30.0	30	8	AZ634665	AZ634665	1M0490P02
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6227	6	30.0	30	8	AZ658025	AZ658025	1M0534N04
6228	6	30.0	30	8	AZ658443	AZ658443	1M0535F23
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c6231	6	30.0	30	8	AZ764815	AZ764815	1M0561I19	6304	6	30.0	30	9	CC887993	CC887993	SALK_1511
6232	6	30.0	30	8	AZ774813	AZ774813	2M0004P05	c6305	6	30.0	30	9	CG712446	CG712446	1119027A0
6233	6	30.0	30	8	AZ776588	AZ776588	2M0010A21	c6306	6	30.0	30	9	CG721784	CG721784	1119069A0
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6235	6	30.0	30	8	AZ783946	AZ783946	2M0026B08	6308	6	30.0	30	9	CG723577	CG723577	1119077A1
6236	6	30.0	30	8	AZ792571	AZ792571	2M0045D12	6309	6	30.0	30	9	CG723770	CG723770	1119077H1
c6237	6	30.0	30	8	AZ799133	AZ799133	2M0056N07	c6310	6	30.0	30	9	CL519858	CL519858	DAH4E10 F
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c6241	6	30.0	30	8	AZ824701	AZ824701	2M0099P19	c6314	6	30.0	31	1	AA727068	AA727068	vu38h10.r
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6243	6	30.0	30	8	AZ861916	AZ861916	2M0168K17	c6316	6	30.0	31	1	AA781776	AA781776	ai51a12.s
6244	6	30.0	30	8	AZ864740	AZ864740	2M0174C05	c6317	6	30.0	31	1	AA863835	AA863835	vx09e08.r
c6245	6	30.0	30	8	AZ868793	AZ868793	2M0180H09	c6318	6	30.0	31	1	AA866806	AA866806	vx90d03.r
c6246	6	30.0	30	8	AZ949156	AZ949156	2M0212D01	6319	6	30.0	31	1	AA885684	AA885684	oj34d03.s
6247	6	30.0	30	8	AZ962942	AZ962942	2M0231N19	6320	6	30.0	31	1	AA903882	AA903882	oe78c09.s
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6250	6	30.0	30	8	AZ990309	AZ990309	2M0274A05	c6323	6	30.0	31	1	AA910343	AA910343	ok83e07.s
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6254	6	30.0	30	8	BH863506	BH863506	SALK_0940	6327	6	30.0	31	1	AA993748	AA993748	ot65e02.s
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c6265	6	30.0	30	8	BZ763848	BZ763848	SALK_1226	c6338	6	30.0	31	1	AI183733	AI183733	qe15f07.x
6266	6	30.0	30	8	CC060031	CC060031	EY00182-3	6339	6	30.0	31	1	AI219609	AI219609	qg10c04.x
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6268	6	30.0	30	9	AG189187	AG189187	Pan trogl	6341	6	30.0	31	1	AI254617	AI254617	qv54g02.x
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c6271	6	30.0	30	9	AG195429	AG195429	Pan trogl	c6344	6	30.0	31	1	AI266785	AI266785	uj07a08.x
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6273	6	30.0	30	9	AG201067	AG201067	Pan trogl	c6346	6	30.0	31	1	AI358351	AI358351	qw14h08.x
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6284	6	30.0	30	9	BX892740	BX892740	Arabidops	c6357	6	30.0	31	1	AI701296	AI701296	wc59g07.x
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6286	6	30.0	30	9	CR399727	CR399727	Arabidops	c6359	6	30.0	31	1	AI736496	AI736496	sb29d11.y
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6497	6	30.0	31	8	BH908282	BH908282 SALK_0469
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